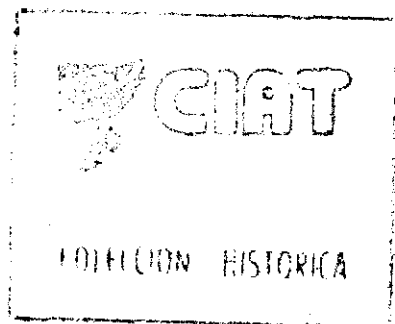
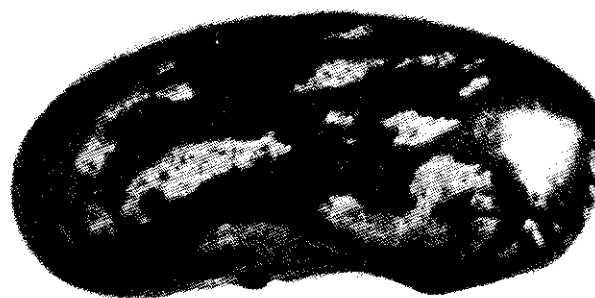


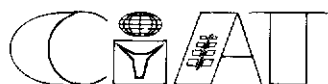
25692



# **Catálogo de Germoplasma de Frijol común** *Phaseolus vulgaris L.*



Unidad  
de Recursos Genéticos



Cali - Colombia  
Nov. 1984

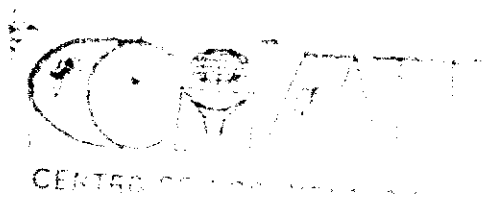
El CIAT es una institución sin ánimo de lucro, dedicada al desarrollo agrícola y económico de las zonas tropicales bajas. Su sede principal se encuentra en un terreno de 522 hectáreas, cercano a Cali, Colombia. Dicho terreno es propiedad del gobierno colombiano, el cual, en su calidad de anfitrión, brinda apoyo a las actividades del CIAT. Este dispone, igualmente, de dos subestaciones propiedad de la Fundación para la Educación Superior (FES): Quilichao, con una extensión de 184 hectáreas, y Popayán, con 73 hectáreas, y de una subestación de 30 hectáreas—CIAT-Santa Rosa— ubicada en terrenos cedidos por la Federación de Arroceros de Colombia (FEDEARROZ), cerca a Villavicencio. Junto con el Instituto Colombiano Agropecuario (ICA), el CIAT administra el Centro Nacional de Investigaciones Agropecuarias Carimagua, de 22,000 hectáreas, en los Llanos Orientales y colabora con el mismo ICA en varias de sus otras estaciones experimentales en Colombia. El CIAT también lleva a cabo investigaciones en varias sedes de instituciones agrícolas nacionales en otros países de América Latina. Los programas del CIAT son financiados por un grupo de donantes que en su mayoría pertenecen al Grupo Consultivo para la Investigación Agrícola Internacional (CGIAR). Durante 1984 tales donantes son los gobiernos de Australia, Bélgica, Canadá, España, Estados Unidos de América, Francia, Holanda, Italia, Japón, Noruega, el Reino Unido, la República Federal de Alemania, Suecia y Suiza; la Agencia Alemana de Cooperación Técnica (GTZ); el Banco Interamericano de Desarrollo (BID); el Banco Mundial; el Centro Internacional de Investigaciones para el Desarrollo (CIID); la Comunidad Económica Europea (CEE); el Fondo Internacional para el Desarrollo Agrícola (IFAD); el Fondo de la OPEP para el Desarrollo Internacional; la Fundación Ford; la Fundación Rockefeller; la Fundación W. K. Kellogg; la Organización de las Naciones Unidas para la Agricultura y la Alimentación (FAO), y el Programa de las Naciones Unidas para el Desarrollo (PNUD).

La información y las conclusiones contenidas en esta publicación no reflejan, necesariamente, el punto de vista de las entidades mencionadas anteriormente.

ISSN 0120-6265  
Nov. 1984



**Catálogo**  
**de germoplasma de frijol común**  
*Phaseolus vulgaris L.*



**Editor**  
Rigoberto Hidalgo, MS



**Centro Internacional de Agricultura Tropical**

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La Unidad de Recursos Genéticos es responsable del manejo del germoplasma de los principales programas del CIAT: frijol, yuca y pastos tropicales. Esta responsabilidad incluye la colección, evaluación, conservación e intercambio, así como la documentación y distribución de la información acerca del germoplasma de dichos cultivos. Las actividades de la Unidad aseguran que los valiosos, y a veces escasos recursos genéticos, sean protegidos cuidadosamente y a la vez, plenamente utilizados tanto en el CIAT como en el resto del mundo.

The Genetic Resources Unit is responsible for the management of germplasm of the main commodities of CIAT: beans, cassava and tropical pastures. This responsibility includes the collection, evaluation, conservation and exchange, as well as the documentation and distribution of information related to those crops. The activities of the Unit ensure that valuable and sometimes rare genetic resources will be carefully protected, but at the same time, fully utilized both in CIAT and throughout the world.

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Medianos (Medium)	234
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Grandes (Large)	254
Medianos (Medium)	259
Pequeños (Small)	264
Negro (Black)	267
Grande (Large)	267
Medianos (Medium)	269
Pequeños (Small)	280
Otros (Other)	316
Grandes (Large)	316
Medianos (Medium)	316
Pequeños (Small)	317

## **INTRODUCCION**

Dentro del sistema de Centros Internacionales, CIAT tiene la responsabilidad mundial para la colección y preservación del germoplasma de frijoles del género Phaseolus. Siete años después de haber asumido esta responsabilidad, la colección de germoplasma del CIAT tiene más de 33000 accesiones (ver tabla), la cual abarca las cuatro especies cultivadas, sus ancestros silvestres, así como las especies silvestres no cultivadas. Este germoplasma se ha obtenido a través de donaciones de los bancos de germoplasma de Programas Nacionales y de expediciones a los centros de origen y de dispersión. También se incluyen los materiales más promisorios de las progenies resultantes de los esfuerzos de hibridación del Programa de Mejoramiento de Frijol.

El rango de adaptación de P. vulgaris como cultivo va desde 0 hasta 3000 m.s.n.m. y desde 0 a 42° latitud N y S, lo cual ha generado una gran variabilidad genética. Hallazgos arqueológicos en Mesoamérica así como la disponibilidad de un gran número de formas silvestres ancestrales y de formas silvestres no cultivadas del género en esta región, sugieren al área de México/Guatemala como el centro de origen del frijol común. Sin embargo, desde las expediciones de Colón, el frijol común se ha dispersado geográficamente y eventualmente ha sido adaptado a muchas nuevas áreas fuera de América, dando como resultado la creación de centros secundarios de dispersión, los cuales en muchos casos tienen cerca de 400 años. El CIAT continua asignando alta prioridad a los esfuerzos de colección en estas áreas, en estrecha colaboración con el Consejo Internacional de Recursos Fitogenéticos (CIRF), dando especial énfasis en aquellas áreas con avanzada erosión genética y con alta probabilidad de encontrar razas nativas y formas silvestres de la especie.

Este catálogo incluye más de 16000 accesiones de formas cultivadas de P. vulgaris que han sido incrementadas por la Unidad de Recursos Genéticos del CIAT. Debido al tamaño de esta colección sólo se ha incluido información pasaporte clave, así como características de semilla y del hábito de crecimiento. Hay tres secciones principales: a) Breve descripción de la colección y definición de descriptores; b) Listado secuencial de los número G, que dan la clave de tipo de semilla; c) Listado de las accesiones agrupadas por color y tamaño de semilla.

Semillas (pequeñas cantidades) y/o información adicional sobre la caracterización del germoplasma incluido en este catálogo, están disponibles bajo pedido, escribiendo a la siguiente dirección:

R. Hidalgo  
Unidad de Recursos Genéticos  
CIAT  
Apartado Aéreo 67-13  
Cali, Colombia  
Suramérica

## INTRODUCTION

Within the International Center's system, CIAT has global responsibility for collection and preservation of germplasm of beans of the genus Phaseolus. Seven years after formally assuming the responsibility, the CIAT germplasm collection contains more than 33000 accessions (see table), embracing the four cultivated species, their wild ancestors and the wild non-cultivated species. This germplasm has been obtained through donations from national germplasm banks and expeditions to the centers of origin and dispersion. Also included in the bank are the most promising progenies resulting from the hybridization efforts at CIAT.

Adaptation of P. vulgaris as a crop ranges from 0 to 3000 m.a.s.l., and from 0 to 42° latitude N and S, generating a broad genetic variability. Archeological findings in Mesoamerica and the availability of a large number of wild ancestral and wild non-cultivated forms of the genus there, suggest that Mexico/Guatemala area is the center of origin for the common bean. However, since the expeditions of Columbus, the common bean was geographically dispersed and thus has been adapted to many new areas outside the Americas resulting in several secondary centers of dispersion, which, in many cases are about 400 years old. Active collection efforts for P. vulgaris in those areas continue to be assigned high priority by CIAT in close collaboration with the International Board for Plant Genetic Resources (IBPGR) with special emphasis being placed on areas with advanced genetic erosion and with a high probability of finding land races and wild forms of the cultivar.

This catalog includes more than 16000 accessions of cultivated forms of P. vulgaris, which have been increased by the Genetic Resources Unit of CIAT. Due to the size of this collection only key passport information as well as seed type description and growth habit are included. There are three main sections: a) brief description of the collection and definition of descriptors; b) Sequential G numbering which addresses to the seed type; c) list of accessions grouped by seed color and seed size.

Seeds (small quantities) or additional information on characterization of the germplasm listed in this catalog can be available upon request by writing to:

R. Hidalgo  
Genetic Resources Unit  
CIAT  
Apartado Aéreo 67-13  
Cali, Colombia  
South America

STATUS DE LA COLECCION DE FRIJOLES PHASEOLUS ALMACENADOS EN LA  
UNIDAD DE RECURSOS GENETICOS DEL CIAT (Junio, 1984)

E s p e c i e s	No. de accesiones	
	Introducidos	Incrementados*
Cultivadas y silvestres ancestrales		
<u>P. vulgaris</u>	29552	16799
<u>P. lunatus</u>	2410	700
<u>P. coccineus</u>	1083	220
<u>P. acutifolius</u>	166	166
Silvestres no-cultivadas		
<u>P. anisotrichus</u> , <u>P. filiformis</u> ,		
<u>P. galactoides</u> , <u>P. microcarpus</u> ,		
<u>P. metcalfei</u> , <u>P. pedicellatus</u> ,		
<u>P. polystachius</u> , <u>P. parvulus</u> ,		
<u>P. ritensis</u> , <u>P. wrightii</u>	84	39
	<hr/>	<hr/>
TOTAL	33295	17924

\* Semilla disponible.

PROCEDENCIA DEL GERMOPLASMA DE P. VULGARIS\* INCLUIDO EN ESTE

CATALOGO

<u>REGION-PAIS</u>	<u>ACCESIONES</u>	<u>PORCENTAJE</u>
<u>Norteamérica</u>		
Estados Unidos	5084	
Subtotal	5084	30.2
<u>Centroamérica</u>		
Costa Rica	469	
El Salvador	98	
Guatemala	1315	
Honduras	1147	
México	1118	
Nicaragua	6	
Subtotal	4153	24.7
<u>Caribe</u>		
Belice	6	
Cuba	4	
República Dominicana	7	
Haití	26	
Jamaica	3	
Puerto Rico	37	
Islas Guadalupe	1	
Subtotal	84	0.5
<u>Suramérica Zona Andina</u>		
Bolivia	86	
Colombia	934	
Chile	127	
Ecuador	355	
Perú	844	
Venezuela	311	
Subtotal	2657	15.8
<u>Suramérica Zona No-Andina</u>		
Argentina	77	
Brasil	531	
Uruguay	10	
Guyana	2	
Subtotal	620	3.7

\* No se incluyen formas silvestres.

<u>REGION-PAIS</u>	<u>ACCESIONES</u>	<u>PORCENTAJE</u>
<u>Europa</u>		
Bulgaria	10	
Belgica	32	
Francia	576	
Alemania (Este)	199	
Grecia	15	
Hungría	126	
Italia	621	
Holanda	885	
Portugal	279	
España	71	
Unión Soviética	38	
Inglaterra	755	
Subtotal	3607	21.4
<u>Africa</u>		
Kenia	15	
Malawi	125	
Nigeria	12	
Suráfrica	8	
Zambia	12	
Subtotal	172	1.0
<u>Asia - Oceanía</u>		
Australia	22	
China	2	
Japón	344	
Nueva Zelandia	24	
Subtotal	392	2.3
TOTAL	16769	100.0

## DESCRIPTORES

### 1. No. CIAT = Número CIAT

Número CIAT o número de germoplasma es el número asignado a la accesión original en el banco de germoplasma de la Unidad de Recursos Genéticos del CIAT, cuando la semilla ha sido incrementada. Este número consta de la letra G seguida de cinco dígitos. En algunos casos hay una letra después de los dígitos (A, B, C, etc.). Esta letra corresponde a separaciones justificadas de la accesión original.

### 2. IDENTIFICACION = Identificación

Es el nombre local o varietal de la accesión o el número de registro del donante de la semilla. Este nombre se registra tal como se recibe de la fuente donadora y sólo se hacen correcciones en nombres de materiales muy conocidos.

### 3. REGLOCAL = Registro Local

Corresponde al registro de la accesión usado por el país, el investigador o el colector donante. Este registro puede ser numérico o alfabético-numérico. En algunos casos puede reemplazar a la identificación, cuando esta no existe o se desconoce.

### 4. ORI = Origen

En general, corresponde al país que previamente envió la accesión al país donante de la semilla al CIAT. Sin embargo, si se conoce con certeza el país donde se colectó o mejoró el material, este se registra sin tener en cuenta el resto de la información. En algunos materiales el "origen" no aparece debido a que la información disponible no es suficiente para determinarlo. Los códigos para los países son los mismos que se usan para procedencia.

5. PROCED = Procedencia

Es el país donante de la semilla a CIAT. Los siguientes códigos son los usados para los países.

AFG = Afganistán	FRC = Francia
AGA = Argelia	GAM = Gambia
AGL = Angola	GDR = Alemania (Este)
ARA = Arabia	GFR = Alemania (Oeste)
ARG = Argentina	GMN = Alemania
ATL = Australia	GRC = Grecia
BGA = Bulgaria	GTA = Guatemala
BLG = Bélgica	GUY = Guyana
BLV = Bolivia	HDR = Honduras
BND = Burundi	HGY = Hungría
BZE = Belice	HTI = Haití
BZL = Brasil	IDS = Indonesia
CBA = Cuba	IGU = Islas Guadalupe
CDA = Canadá	IND = India
CHI = China	IRN = Irán
CHN = Taiwan	ITL = Italia
CLB = Colombia	JDN = Jordania
CLE = Chile	JMC = Jamaica
CMB = Camerún Británico	JPN = Japón
CMF = Camerún Francés	KOR = Corea
CMR = Camerún	KYA = Kenia
CNG = Congo	LBN = Líbano
CPR = República Popular China	MEX = México
CPS = Chipre	MWI = Malawi
CRA = Costa Rica	NCA = Nicaragua
CSR = Checoslovaquia	NGA = Nigeria
DMK = Dinamarca	NLD = Holanda
DOM = República Dominicana	NPL = Nepal
ECD = Ecuador	NWY = Noruega
EGT = Egipto	NZL = Nueva Zelandia
ELS = El Salvador	PER = Perú
ETP = Etiopía	PKS = Pakistán



PLD = Polonia	SWL = Suiza
PRG = Paraguay	TKY = Turquía
PRI = Puerto Rico	TZA = Tanzania
PTC = Portugal	UGA = Uganda
RHO = Rodesia	URG = Uruguay
RMN = Rumania	USA = Estados Unidos
RWD = Rwanda	UTK = Inglaterra
SAF = Suráfrica	VNZ = Venezuela
SAR = República Árabe Siria	YEM = Yemen
SDN = Sudán	YUG = Yugoslavia
SPN = España	ZBA = Zambia
SSU = Unión Soviética	ZRE = Zaire
SWD = Suecia	

6. CP = Color Primario de Semilla  
CS = Color Secundario de Semilla

Se consideran 9 grupos que corresponden a 7 familias de colores. Dentro de cada familia se incluyen todos los rangos de tonalidades, tratando hasta donde sea posible de disminuir la clasificación subjetiva de los colores. Sólo se tienen en cuenta el color primario, que es el predominante, y el color secundario de la semilla cuando ésta presenta dos o más colores. Tanto el color primario como el secundario se toma de semilla recientemente cosechada y seca.

Grupos de Familias

	<u>Tipo varietal</u>	<u>País</u>
Bl = Blanco	Panamito	Perú, Ecuador
	Blanquillo	Colombia
	Arroz	Chile
	Navy Bean	Estados Unidos
	Small White	Estados Unidos
	Great Northern	Estados Unidos
	Alubia	Argentina
	Coscorrón	Chile
	Caballero	Perú
Cr = Crema-beige	Carioca	Brasil
	Mulatinho	Brasil
	Bico de Ouro	Brasil

	Cargamanto	Colombia
	Pinto	México
	Ojo de Cabra	México
	Bayo	México, Perú, Chile, Ecuador
Am = Amarillo	Canario	Perú, México
	Azufrado	México
	Enxofrao	Brasil
	Liborino	Colombia
	Jalo	Brasil
	Amarelo	Brasil
Cf = Café-marrón	Ricopardo	Brasil
	Redlands	Australia
	Chumbinho	Brasil
Rs = Rosado	Rosinha	Brasil
	Rosita	México
	Flor de Mayo	México
	Miss Kely	Jamaica, Belice
	Red Kidney	EEUU, Jamaica, Belice Panamá
	Andino	Colombia
Rj = Rojo	Calima	Colombia
	Pompadour	República Dominicana
	Zamorano	Honduras
Mr = Morado	Sangretoro	Colombia
	Roxinho	Brasil
Ng = Negro	Porrillo	El Salvador
	Jamapa	México
	Turrialba	Costa Rica
	ICA-Pijao	Colombia
	Rio Tibagi	Brasil
	Caraota	Venezuela
Ot = Otros	Tórtolas	Chile
	Burros	Chile

#### 7. TAMANO = Tamaño de Semilla

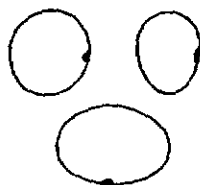
Es el peso en gramos de una muestra randomizada de 100

semillas. Sin embargo, como forma práctica de clasificación se han formado 3 grupos principales de la siguiente manera:

Pequeños: hasta 25 g/100 semillas  
Medianos: entre 25 y 40 g/100 semillas  
Grandes: desde 40 g/100 semillas

8. FS = Forma de Semilla

Como en el caso de los colores, el criterio es formar grupos con similitudes en cuanto a la forma se refiere. La forma se determina observando la semilla de lado.



1. redondeada



2. elongada



3. arriñonada

9. BLLO = Brillo de la Semilla

Se toma en semillas secas

1 = Opaco  
2 = Intermedio  
3 = Brillante

10. MEZR = Mezcla

Se refiere a la presencia de semillas con color, brillo, forma y tamaño diferentes a la semilla que está en mayor proporción dentro de la accesión original. Esto es frecuente en materiales que han sido colectados en expediciones o en poblaciones provenientes de programas de mejoramiento. Se tienen 3 criterios para clasificar una mezcla.

MM = mezcla mecánica  
MS = mezcla segregante  
2M = mezcla mecánica y segregante

11. HABT = Hábito de Crecimiento

Es un concepto morfoagronómico definido como el resultado de la interacción de varios caracteres de la planta que determinan su arquitectura final. Estos caracteres son: Tipo de desarrollo de la parte terminal del tallo (determinado o indeterminado), número de nudos en el tallo, longitud de entrenudos, aptitud para trepar y patrón de ramificación.

Se han definido 4 prototipos principales de hábito así:

- 1 = Arbustivo determinado
- 2 = Arbustivo indeterminado
- 3 = Indeterminado postrado con una o varias guías largas,  
pero con ninguna o muy poca aptitud para trepar
- 4 = Indeterminado con guía larga y trepadora

STATUS OF THE PHASEOLUS BEAN COLLECTION HELD AT THE  
GENETIC RESOURCES UNIT OF CIAT (June - 1984)

S p e c i e s	No. of accessions	
	Introduced	Increased*
Cultivated and wild ancestral		
<u>P. vulgaris</u>	29552	16799
<u>P. lunatus</u>	2410	700
<u>P. coccineus</u>	1083	220
<u>P. acutifolius</u>	166	166
Wild non-cultivated		
<u>P. anisotrichus</u> , <u>P. filiformis</u> ,		
<u>P. galactoides</u> , <u>P. microcarpus</u> ,		
<u>P. metcalfei</u> , <u>P. pedicellatus</u> ,		
<u>P. polystachius</u> , <u>P. parvulus</u> ,		
<u>P. ritensis</u> , <u>P. wrightii</u>	84	39
	<hr/>	<hr/>
TOTAL	33295	17924

\* Seed available.

SOURCE OF THE GERMPLASM OF P. VULGARIS\* INCLUDED IN THIS CATALOG

<u>REGION-COUNTRY</u>	<u>ACCESSIONS</u>	<u>PERCENTAGE</u>
<u>North America</u>		
United States	5084	
Subtotal	5084	30.2
<u>Central America</u>		
Costa Rica	469	
El Salvador	98	
Guatemala	1315	
Honduras	1147	
Mexico	1118	
Nicaragua	6	
Subtotal	4153	24.7
<u>Caribbean</u>		
Belize	6	
Cuba	4	
Dominican Republic	7	
Haiti	26	
Jamaica	3	
Puerto Rico	37	
Guadalupe Islands	1	
Subtotal	84	0.5
<u>South America Andean Zone</u>		
Bolivia	86	
Colombia	934	
Chile	127	
Ecuador	355	
Peru	844	
Venezuela	311	
Subtotal	2657	15.8
<u>South America Non-Andean Zone</u>		
Argentina	77	
Brazil	531	
Uruguay	10	
Guyana	2	
Subtotal	620	3.7

\* Wild forms are not included.

<u>REGION-COUNTRY</u>	<u>ACCESSIONS</u>	<u>PERCENTAGE</u>
<u>Europe</u>		
Bulgaria	10	
Belgium	32	
France	576	
Germany (East)	199	
Greece	15	
Hungary	126	
Italy	621	
Holland	885	
Portugal	279	
Spain	71	
Soviet Union	38	
United Kingdom	755	
Subtotal	3607	21.4
<u>Africa</u>		
Kenya	15	
Malawi	125	
Nigeria	12	
South Africa	8	
Zambia	12	
Subtotal	172	1.0
<u>Asia - Oceania</u>		
Australia	22	
China	2	
Japan	344	
New Zealand	24	
Subtotal	392	2.3
TOTAL	16769	100.0

DISTRIBUTION OF THE GERMPLASM OF P. VULGARIS\* ACCORDING TO COLOR AND GROWTH HABIT

	<u>WHITE</u>	<u>CREAM BEIGE</u>	<u>YELLOW</u>	<u>BROWN MAROON</u>	<u>PINK</u>	<u>RED</u>	<u>PURPLE</u>	<u>BLACK</u>	<u>OTHERS</u>	<u>TOTAL</u>
HABIT I										
Frequency	1107	594	802	190	172	322	283	270	10	3750
Percentage	34.7	18.8	42.1	23.4	21.9	16.4	28.2	7.0	9.2	22.4
HABIT II										
Frequency	144	279	80	97	66	128	95	1336	7	2232
Percentage	4.5	8.8	4.2	12.0	8.4	6.5	9.5	34.7	6.4	13.3
HABIT III										
Frequency	976	1182	462	218	295	1056	298	1121	34	5642
Percentage	30.6	37.5	24.2	26.9	37.6	53.9	29.7	29.1	31.2	33.6
HABIT IV										
Frequency	815	960	502	262	226	396	281	1055	50	4547
Percentage	25.6	30.4	26.3	32.3	28.8	20.2	28.0	27.4	45.9	27.1
WITHOUT HABIT										
Frequency	144	138	60	44	26	58	45	70	8	593
Percentage	4.5	4.4	3.1	5.4	3.3	3.0	4.5	1.8	7.3	3.5
TOTAL										
Frequency	3186	3153	1906	811	785	1960	1002	3852	109	16764
Percentage	19.0	18.8	11.4	4.8	4.7	11.7	6.0	23.0	0.7	100.0

\* Wild forms are not included



## DESCRIPTORS

### 1. No. CIAT = CIAT's Number

CIAT's number or germplasm number is the number assigned to the original accession in the Genetic Resources Unit when the seed has been increased. This number has five digits preceded by the letter G. In some cases a letter (A, B, C, etc.) follows the five digits; this letter corresponds to justified separations from the original accession.

### 2. IDENTIFICATION = Identification

It is the local or varietal name of the accession, or the local register used by the seed donor. It is recorded as originally received, and corrections are made only on names of very well known materials.

### 3. REGLOCAL = Local Register

It corresponds to the register number used by the national institution, scientists or collector donating the seeds. This local register can be either numerical or alpha-numerical. In some cases it could be used as identification when the latter does not exist or is unknown.

### 4. ORI = Origin

In most instances it is the country from which the accession was obtained before it was donated to CIAT. However, if it is known where the material was bred or collected, such country is recorded as "origin" ignoring the different previous sources. When the information available is not enough to determine the "origin", it is not included. The codes for countries are the same ones used for the source.

### 5. PROCED = Source

It is the seed donor's country. The following codes

are used for countries.

AFG = Afganistan	GFR = Germany (West)
AGA = Algeria	GMN = Germany
AGL = Angola	GRC = Greece
ARA = Arabia	GTA = Guatemala
ARG = Argentina	GUY = Guyana
ATL = Australia	HDR = Honduras
BGA = Bulgaria	HGY = Hungary
BLG = Belgium	HTI = Haiti
BLV = Bolivia	IDS = Indonesia
BND = Burundi	IGU = Guadalupe Islands
BZE = Belize	IND = India
BZL = Brazil	IRN = Iran
CBA = Cuba	ITL = Italy
CDA = Canada	JDN = Jordan
CHI = China	JMC = Jamaica
CHN = Taiwan	JPN = Japan
CLB = Colombia	KOR = Korea
CLE = Chile	KYA = Kenya
CMB = Cameroons, British	LBN = Lebanon
CMF = Cameroons, French	MEX = Mexico
CMR = Cameroon	MWI = Malawy
CNG = Congo	NCA = Nicaragua
CPR = People's Republic of China	NGA = Nigeria
CPS = Cyprus	NLD = Holland
CRA = Costa Rica	NPL = Nepal
CSR = Czechoslovakia	NWY = Norway
DMK = Denmark	NZL = New Zealand
DOM = Dominican Republic	PER = Peru
ECD = Ecuador	PKS = Pakistan
EGT = Egypt	PLD = Poland
ELS = El Salvador	PRG = Paraguay
ETP = Ethiopia	PRI = Puerto Rico
FRC = France	PTC = Portugal
GAM = Gambia	RHO = Rhodesia
GDR = Germany (East)	RMN = Rumania

RWD = Rwanda  
 SAF = South Africa  
 SAR = Syrian Arabic Republic  
 SDN = Sudan  
 SPN = Spain  
 SSU = Soviet Union  
 SWD = Sweeden  
 SWL = Switzerland  
 TKY = Turkey  
 TZA = Tanzania

UGA = Uganda  
 URG = Uruguay  
 USA = United States  
 UTK = United Kingdom  
 VNZ = Venezuela  
 YEM = Yemen  
 YUG = Yugoslavia  
 ZBA = Zambia  
 ZRE = Zaire

6. CP = Primary Seed Color  
 CS = Secondary Seed Color

There are nine color groups derived from seven color families. In order to avoid a subjective classification of color, an attempt has been made to include the widest spectrum possible of shades within each color. The primary color is the predominant seed coat color; if the seed has more than one color, only the secondary is recorded. Color is taken from dry seeds recently harvested.

#### Family Groups

	<u>Varietal seed types</u>	<u>Country</u>
Bl = White	Panamito	Perú, Ecuador
	Blanquillo	Colombia
	Arroz	Chile
	Navy Bean	United States
	Small White	United States
	Great Northern	United States
	Alubia	Argentina
	Coscorron	Chile
	Caballero	Perú
Cr = Cream-beige	Carioca	Brazil
	Mulatinho	Brazil
	Bico de Ouro	Brazil
	Cargamanto	Colombia
	Pinto	Mexico
	Ojo de Cabra	Mexico
	Bayo	Mexico, Peru, Chile, Ecuador

Am = Yellow	Canario	Peru, Mexico
	Azufrado	Mexico
	Enxofrao	Brazil
	Liborino	Colombia
	Jalo	Brazil
	Amarelo	Brazil
Cf = Brown-maroon	Ricopardo	Brazil
	Redlands	Australia
	Chumbinho	Brazil
Rs = Pink	Rosinha	Brazil
	Rosita	Mexico
	Flor de Mayo	Mexico
	Miss Kelly	Jamaica, Belize
	Red Kidney	USA, Jamaica, Belize, Panama
	Andino	Colombia
Rj = Red	Calima	Colombia
	Pompadour	Dominican Republic
	Zamorano	Honduras
Mr = Purple	Sangretero	Colombia
	Roxinho	Brazil
Ng = Black	Porrillo	El Salvador
	Jamapa	Mexico
	Turrialba	Costa Rica
	ICA-Pijao	Colombia
	Rio Tibagi	Brazil
	Caraota	Venezuela
Ot = Others	Tortolas	Chile
	Burros	Chile

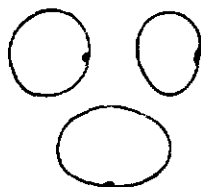
#### 7. TAMANO = Seed Size

It is the weight of a sample of 100 seeds taken at random. However, as a practical mean of classification three main seed sizes have been established, as follows:

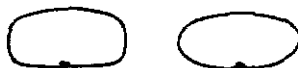
Small:	less than 25 g/100 seeds
Medium:	between 25 g and 40 g/100 seeds
Large:	larger than 40 g/100 seeds

8. FS = Seed Shape

As with the color grouping, the criteria for seed shape is also to conform groups with close in shape similarity:



1. rounded



2. elongated



3. kidney type

9. BLLO = Brilliance

It is taken on dry seed recently harvested.

1 = Opaque

2 = Intermediate

3 = Brilliant

10. MEZR = Mixture

It refers to the presence of seeds with color, brilliance, shape or size different from the seed type of highest percentage in the original accession. This is frequent in materials collected in expeditions or in populations produced in breeding programs. Three criteria have been defined to classify a mixture:

MM = mechanical mixture

MS = segregating mixture

2M = mechanical and segregating mixture

11. HABT = Growth Habit

It is a morphoagronomic concept defined as the result of the interaction of several characters that determine the final plant architecture. These characters are: type of growth of the stem (determinate or indeterminate), number of nodes on the stem, length of the internodes, climbing ability and branching pattern. Four prototypes of growth habit have been defined as follows:

- 1 = Bush, determinate
- 2 = Bush, indeterminate
- 3 = Indeterminate prostrate with lateral branching well developed, but low or nil climbing ability
- 4 = Indeterminate with long guide and high climbing ability

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
-----	-- --	-----	-- --	-----	-- --	-----	-- --	-----	-- --	-----	-- --	-----	-- --
G00001	CR M	G00025	BL P	G00049	RJ M	G00073	NE P	G00097	BL G	G00123	RS P	G00147	CF M
G00002	RS M	G00026	BL M	G00050	AM M	G00074	CR P	G00098	CR G	G00124	BL P	G00148	CF P
G00003	BL M	G00027	BL P	G00051	AM M	G00075	CR P	G00099	NE P	G00125	RJ P	G00149	BL M
G00004	CR M	G00028	BL P	G00052	CR G	G00076	PS G	G00100	RJ M	G00126	NE P	G00149A	BL G
G00005	RJ M	G00029	BL P	G00053	BL M	G00077	CR G	G00101	CR P	G00127	BL P	G00150	CR M
G00006	RJ M	G00030	AM P	G00054	CR G	G00078	CF M	G00103	CR G	G00128	RJ G	G00151	BL M
G00007	BL M	G00031	BL M	G00055	CR M	G00079	RJ P	G00104	CR M	G00129	RJ P	G00152	CR G
G00008	CR G	G00032	CR M	G00056	RS M	G00080	NE P	G00105	CR G	G00130	RJ P	G00153	RJ G
G00009	BL G	G00033	AM P	G00057	AM M	G00081	NE P	G00106	CR M	G00131	RJ M	G00154	BL M
G00010	CR M	G00034	BL M	G00058	RJ G	G00082	RJ P	G00108	CR P	G00132	AM M	G00155	BL M
G00011	RJ P	G00035	BL P	G00059	CR G	G00083	BL P	G00109	BL P	G00133	NE P	G00156	CR M
G00012	NE P	G00036	AM P	G00060	RS M	G00084	RJ P	G00110	NE P	G00134	AM M	G00157	CF P
G00013	AM M	G00037	BL G	G00061	BL M	G00085	BL P	G00111	RJ M	G00135	BL P	G00158	CF M
G00014	CR M	G00038	AM P	G00062	CR M	G00086	NE P	G00112	NE P	G00136	CR M	G00159	BL G
G00015	BL M	G00039	RJ M	G00063	AM M	G00087	CR M	G00113	MR P	G00137	CR M	G00160	MR M
G00016	CR G	G00040	CR M	G00064	CR M	G00088	NE M	G00114	RS P	G00138	CR M	G00161	CR G
G00017	CR M	G00041	BL P	G00065	BL M	G00089	RJ P	G00115	RJ M	G00139	CR M	G00162	BL G
G00018	RS M	G00042	MR P	G00066	BL G	G00090	NE P	G00116	BL G	G00140	RJ M	G00163	NE P
G00019	NE M	G00043	AM M	G00067	CR M	G00091	AM P	G00117	AM P	G00141	CR M	G00164	NE P
G00020	AM M	G00044	AM M	G00068	RJ G	G00092	CR P	G00118	RS M	G00142	AM M	G00165	NE P
G00021	AM M	G00045	CF M	G00069	CR M	G00093	AM M	G00119	AM M	G00143	CR M	G00166	NE P
G00022	CR G	G00046	AM M	G00070	MR G	G00094	AM M	G00120	BL P	G00144	NE P	G00167	NE P
G00023	CR G	G00047	AM M	G00071	CR G	G00095	NE P	G00121	CR M	G00145	NE P	G00168	CF P
G00024	AM M	G00048	BL P	G00072	RS M	G00096	OT M	G00122	CR M	G00146	CR M	G00169	NE P

N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM
G00170	NE P	G00194	MR M	G00218	BL M	G00242	BL P	G00266	BL M	G00290	BL M	G00314	BL G
G00171	NE P	G00195	AM P	G00219	AM M	G00243	CF M	G00267	CR M	G00291	BL M	G00315	BL P
G00172	RJ M	G00196	CR G	G00220	MR G	G00244	CF G	G00268	BL M	G00292	BL P	G00316	CR M
G00173	BL P	G00197	CF G	G00221	AM M	G00245	BL G	G00269	BL M	G00293	BL P	G00317	BL G
G00174	BL M	G00198	CR M	G00222	BL M	G00246	BL G	G00270	BL P	G00294	BL M	G00318	BL P
G00175	BL P	G00199	CF M	G00223	BL M	G00247	CF G	G00271	BL M	G00295	BL P	G00319	BL M
G00176	MR M	G00200	BL M	G00224	CF M	G00248	CR G	G00272	BL M	G00296	BL G	G00320	BL M
G00177	RJ G	G00201	BL G	G00225	CF M	G00249	RS G	G00273	BL M	G00297	CR G	G00321	BL G
G00178	RJ G	G00202	BL G	G00226	CF M	G00250	MR M	G00274	BL P	G00298	BL P	G00322	BL M
G00179	RJ M	G00203	BL M	G00227	BL G	G00251	MR M	G00275	BL P	G00299	BL G	G00323	BL M
G00180	RJ G	G00204	CR M	G00228	CR M	G00252	CF P	G00276	NE P	G00300	CR M	G00324	BL M
G00181	RJ G	G00205	BL P	G00229	CR P	G00253	AM M	G00277	NE P	G00301	CF G	G00325	BL P
G00182	CR M	G00206	MR M	G00230	CF M	G00254	RJ G	G00278	NE P	G00302	CF G	G00326	BL G
G00183	CF M	G00207	CF G	G00231	BL P	G00255	BL P	G00279	RJ P	G00303	BL G	G00327	BL M
G00184	RJ G	G00208	CF M	G00232	CR M	G00256	BL M	G00280	CF P	G00304	BL G	G00328	BL M
G00185	CR G	G00209	CR M	G00233	CR G	G00257	CR G	G00281	CV G	G00305	BL G	G00329	BL M
G00186	CR M	G00210	CR G	G00234	NE P	G00258	AM M	G00282	BL P	G00306	CR M	G00330	BL G
G00187	NE P	G00211	CR M	G00235	RJ G	G00259	NE P	G00283	BL P	G00307	BL M	G00331	BL M
G00188	CR G	G00212	BL M	G00236	CF M	G00260	CF M	G00284	NE P	G00308	CR M	G00332	MR M
G00189	RS G	G00213	BL M	G00237	CF M	G00261	NE M	G00285	BL M	G00309	BL P	G00333	BL M
G00190	BL M	G00214	CR G	G00238	BL P	G00262	NE G	G00286	BL M	G00310	CF M	G00334	CR M
G00191	NE G	G00215	BL M	G00239	RJ M	G00263	CR P	G00287	BL M	G00311	BL G	G00335	BL M
G00192	CR M	G00216	BL M	G00240	BL M	G00264	BL M	G00288	CR C	G00312	RS M	G00336	CR M
G00193	CR G	G00217	NE M	G00241	BL G	G00265	BL M	G00289	BL P	G00313	CF G	G00337	CR G



N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G00338	AM	M	G00362	BL	M	G00386	BL	P	G00410	RJ	M	G00434	CF	M	G00458	CR	M
G00339	CR	G	G00363	CR	M	G00387	CR	M	G00411	CR	G	G00435	AM	M	G00459	CR	G
G00340	BL	P	G00364	MR	G	G00388	CP	G	G00412	BL	P	G00436	BL	P	G00460	RJ	M
G00341	BL	M	G00365	AM	M	G00389	BL	P	G00413	CR	M	G00437	MR	G	G00461	BL	M
G00342	BL	G	G00366	BL	P	G00390	CR	G	G00414	CR	G	G00438	CR	G	G00462	CR	M
G00343	BL	P	G00367	CR	M	G00391	CR	G	G00415	BL	P	G00439	MR	G	G00463	CR	G
G00344	BL	M	G00368	AM	M	G00392	CR	M	G00416	AM	M	G00440	CR	M	G00464	DT	M
G00345	BL	M	G00369	CR	G	G00393	BL	M	G00417	BL	M	G00441	BL	G	G00465	CF	M
G00346	BL	M	G00370	RJ	G	G00394	CR	G	G00418	CR	G	G00442	CR	G	G00466	BL	P
G00347	CR	M	G00371	BL	M	G00395	CR	P	G00419	CR	G	G00443	BL	M	G00467	BL	M
G00348	BL	G	G00372	BL	G	G00396	AM	M	G00420	BL	G	G00444	BL	P	G00468	RJ	G
G00349	MR	G	G00373	BL	G	G00397	AM	M	G00421	BL	P	G00445	RJ	G	G00469	AM	M
G00350	NE	M	G00374	CR	P	G00398	CR	G	G00422	CR	M	G00446	BL	M	G00470	CR	M
G00351	BL	G	G00375	CR	M	G00399	NE	M	G00423	AM	M	G00447	AM	M	G00471	CR	G
G00352	CR	G	G00376	CF	M	G00400	BL	P	G00424	RJ	M	G00448	AM	M	G00472	CR	G
G00353	CF	M	G00377	BL	P	G00401	AM	M	G00425	CF	M	G00449	RJ	M	G00473	CR	G
G00354	BL	P	G00378	BL	P	G00402	BL	G	G00426	CR	M	G00450	CR	M	G00474	CR	M
G00355	BL	M	G00379	CR	G	G00403	CR	G	G00427	BL	G	G00451	CR	M	G00475	MR	M
G00356	BL	M	G00380	CR	G	G00404	CR	G	G00428	AM	M	G00452	BL	M	G00476	RJ	M
G00357	BL	P	G00381	RJ	M	G00405	BL	M	G00429	AM	M	G00453	BL	M	G00477	RJ	M
G00358	BL	P	G00382	BL	M	G00406	RS	G	G00430	MR	G	G00454	MR	M	G00478	MR	M
G00359	BL	P	G00383	CR	M	G00407	MR	G	G00431	MR	M	G00455	CR	M	G00479	BL	M
G00360	MR	M	G00384	AM	M	G00408	RJ	G	G00432	BL	M	G00456	CR	M	G00480	CR	M
G00361	CR	G	G00385	MR	M	G00409	CR	M	G00433	CR	G	G00457	CR	M	G00481	MR	M

N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM
G00506	BL	P	G00530	BL	M	G00554	CR	G	G00578	BL	M	G00602	CR	G	G00626	BL	M
G00507	MR	G	G00531	BL	P	G00555	BL	M	G00579	BL	M	G00603	BL	G	G00627	AM	M
G00508	BL	M	G00532	BL	M	G00556	BL	G	G00580	CR	M	G00604	BL	M	G00628	AM	M
G00509	BL	G	G00533	BL	M	G00557	BL	M	G00581	BL	M	G00605	MR	G	G00629	CF	M
G00510	BL	M	G00534	BL	M	G00558	MR	G	G00582	BL	G	G00606	BL	M	G00630	BL	M
G00511	BL	M	G00535	CR	M	G00559	AM	M	G00583	RJ	G	G00607	CR	G	G00631	BL	P
G00512	BL	M	G00536	BL	P	G00560	CF	G	G00584	CR	G	G00608	BL	M	G00632	BL	P
G00513	NE	P	G00537	CR	G	G00561	BL	P	G00585	AM	M	G00609	BL	P	G00633	BL	P
G00514	BL	P	G00538	AM	G	G00562	CR	G	G00586	AM	G	G00610	AM	G	G00634	CR	G
G00515	BL	G	G00539	BL	M	G00563	BL	P	G00587	BL	G	G00611	BL	M	G00635	BL	M
G00516	BL	P	G00540	CR	G	G00564	CF	M	G00588	RJ	M	G00612	BL	P	G00636	BL	M
G00517	MR	M	G00541	BL	M	G00565	MR	G	G00589	CR	M	G00613	BL	M	G00637	BL	M
G00518	BL	M	G00542	BL	M	G00566	BL	G	G00590	BL	P	G00614	CR	P	G00638	MR	M
G00519	BL	P	G00543	BL	G	G00567	RJ	G	G00591	CR	M	G00615	CR	G	G00639	BL	G
G00520	CR	G	G00544	BL	M	G00568	CR	G	G00592	BL	M	G00616	BL	P	G00640	CR	M
G00521	BL	P	G00545	BL	M	G00569	RJ	G	G00593	AM	P	G00617	AM	M	G00641	BL	P
G00522	BL	P	G00546	MR	G	G00570	BL	P	G00594	BL	P	G00618	BL	P	G00642	BL	G
G00523	BL	P	G00547	CR	G	G00571	BL	M	G00595	CR	M	G00619	BL	P	G00643	CR	M
G00524	CR	M	G00548	BL	M	G00572	CR	M	G00596	BL	M	G00620	BL	P	G00644	CR	G
G00525	BL	P	G00549	RJ	G	G00573	BL	P	G00597	CR	G	G00621	CF	G	G00645	CR	M
G00526	BL	G	G00550	CR	G	G00574	BL	P	G00598	MR	G	G00622	BL	G	G00646	RJ	P
G00527	CR	M	G00551	BL	M	G00575	NE	M	G00599	CR	G	G00623	CR	G	G00647	BL	P
G00528	BL	P	G00552	CR	P	G00576	BL	P	G00600	BL	M	G00624	BL	M	G00648	CR	M
G00529	CF	M	G00553	BL	M	G00577	BL	M	G00601	BL	P	G00625	CR	M	G00649	BL	P

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
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G00674	CR M	G00698	CR G	G00724	CR M	G00748	NE P	G00772	BL M	G00796	NE P	G00821	BL P
G00675	AM M	G00699	NE P	G00725	NE P	G00749	NE P	G00773	BL P	G00797	NE P	G00822	AM M
G00676	BL G	G00700	CR M	G00726	CR G	G00750	NE P	G00774	CR M	G00798	BL M	G00823	AM P
G00677	MR G	G00701	BL P	G00727	NE P	G00751	AM P	G00775	CR M	G00799	BL P	G00824	RJ G
G00678	MR G	G00704	BL P	G00728	NE P	G00752	NE P	G00776	RJ P	G00800	CR M	G00825	NE M
G00679	BL G	G00705	BL M	G00729	BL P	G00753	NE P	G00777	NE P	G00801	RS M	G00826	NE P
G00680	BL G	G00706	CR G	G00730	NE P	G00754	AM M	G00778	BL M	G00802	CR M	G00827	BL P
G00681	OT P	G00707	CR M	G00731	CF M	G00755	BL P	G00779	BL M	G00803	MR P	G00828	NE P
G00682	AM M	G00708	BL M	G00732	NE P	G00756	BL P	G00780	NE P	G00805	RJ P	G00829	NE M
G00683	MR G	G00709	CF M	G00733	BL M	G00757	CR G	G00781	NE P	G00806	RJ P	G00830	NE P
G00684	NE P	G00710	RJ M	G00734	AM P	G00758	CR M	G00782	NE P	G00807	CR M	G00831	NE P
G00685	RS P	G00711	CF M	G00735	AM P	G00759	NE P	G00783	NE P	G00808	BL P	G00832	NE P
G00686	CF P	G00712	AM P	G00736	BL P	G00760	BL P	G00784	NE P	G00809	NE P	G00833	NE P
G00687	RJ G	G00713	BL G	G00737	CF M	G00761	BL P	G00785	BL M	G00810	CR P	G00834	CR M
G00688	CR G	G00714	BL P	G00738	RJ G	G00762	CR M	G00786	NE P	G00811	CR P	G00835	RJ M
G00689	CR M	G00715	AM M	G00739	MR G	G00763	BL P	G00787	RJ P	G00812	CR P	G00836	CF P
G00690	CR M	G00716	RJ M	G00740	NE P	G00764	CR G	G00788	BL M	G00813	AM M	G00837	AM M
G00691	CR M	G00717	CR M	G00741	BL M	G00765	CR M	G00789	BL M	G00814	CR P	G00838	AM M
G00692	BL G	G00718	MR M	G00742	AM M	G00766	RS P	G00790	NE P	G00815	CR P	G00839	CR M
G00693	CR M	G00719	CR M	G00743	AM M	G00767	CR P	G00791	NE P	G00816	RS M	G00840	NE M
G00694	CR G	G00720	CR M	G00744	BL P	G00768	NE M	G00792	NE P	G00817	AM P	G00841	BL M
G00695	BL M	G00721	CR M	G00745	AM M	G00769	BL P	G00793	NE P	G00818	CR P	G00842	CR M
G00696	BL G	G00722	CR M	G00746	CR M	G00770	AM P	G00794	NE M	G00819	CR P	G00843	CR M
G00697	CR M	G00723	AM M	G00747	NE P	G00771	BL P	G00795	NE P	G00820	BL P	G00844	CR M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G00845	CR	G	G00869	CR	M	G00893	RJ	P	G00917	CR	M	G00941	NE	P	G00965	BL	M
G00846	CR	M	G00870	AM	P	G00894	BL	P	G00918	CF	M	G00942	AM	P	G00966	BL	M
G00847	AM	P	G00871	BL	P	G00895	BL	M	G00919	AM	M	G00943	BL	M	G00967	RS	P
G00848	AM	M	G00872	NE	P	G00896	BL	M	G00920	AM	M	G00944	RS	M	G00968	RS	P
G00849	CF	M	G00873	CR	P	G00897	CR	M	G00921	CR	P	G00945	BL	P	G00969	RJ	P
G00850	MR	P	G00874	RJ	P	G00898	MR	P	G00922	CF	M	G00946	CR	M	G00970	RJ	P
G00851	NE	P	G00875	CR	M	G00899	NE	P	G00923	BL	M	G00947	RJ	P	G00971	RS	P
G00852	CF	M	G00876	CR	G	G00900	BL	P	G00924	BL	P	G00948	RJ	P	G00972	RS	P
G00853	NE	M	G00877	RS	M	G00901	BL	P	G00925	CF	M	G00949	MR	P	G00973	RS	M
G00854	NE	P	G00878	CR	P	G00902	BL	P	G00926	CR	M	G00950	BL	P	G00974	CR	M
G00855	AM	M	G00879	CR	M	G00903	CR	P	G00927	BL	P	G00951	NE	P	G00975	BL	P
G00856	NE	M	G00880	AM	P	G00904	BL	P	G00928	CF	P	G00952	AM	P	G00976	RS	P
G00857	BL	P	G00881	NE	P	G00905	CR	M	G00929	RJ	P	G00953	RJ	P	G00977	CR	M
G00858	AM	M	G00882	CR	M	G00906	CR	G	G00930	NE	P	G00954	RJ	P	G00978	AM	M
G00859	CR	M	G00883	BL	G	G00907	NE	M	G00931	NE	P	G00955	MR	P	G00979	CR	M
G00860	NE	P	G00884	CR	G	G00908	MR	G	G00932	NE	P	G00956	RJ	P	G00980	BL	M
G00861	BL	P	G00885	BL	M	G00909	BL	M	G00933	NE	P	G00957	NE	P	G00981	NE	P
G00862	AM	M	G00886	BL	M	G00910	CR	G	G00934	RS	P	G00958	RJ	G	G00982	BL	M
G00863	AM	M	G00887	CF	M	G00911	CR	P	G00935	NE	P	G00959	NE	P	G00983	NE	M
G00864	NE	M	G00888	BL	P	G00912	BL	M	G00936	NE	P	G00960	BL	P	G00984	NE	P
G00865	CR	P	G00889	AM	G	G00913	CR	G	G00937	NE	P	G00961	RJ	M	G00985	NE	M
G00866	AM	M	G00890	CR	G	G00914	CR	M	G00938	NE	P	G00962	AM	P	G00986	AM	P
G00867	CR	G	G00891	BL	M	G00915	CR	M	G00939	CR	M	G00963	BL	M	G00987	CR	M
G00868	AM	M	G00892	AM	M	G00916	AM	M	G00940	NE	P	G00964	AM	G	G00988	CR	G

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
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G01013	CR M	G01038	CR G	G01062	CF M	G01086	CR G	G01110	AM P	G01134	BL M	G01166	CR M
G01014	CF P	G01039	CR M	G01063	BL G	G01087	AM P	G01111	MP M	G01135	BL P	G01167	NE M
G01015	CR M	G01040	NE G	G01064	CR M	G01088	CF M	G01112	CF M	G01136	AM M	G01168	NE M
G01016	BL P	G01041	AM M	G01065	CR G	G01089	CF M	G01113	BL G	G01137	BL M	G01169	NE P
G01017	CR G	G01042	CR M	G01066	BL M	G01090	BL P	G01114	CF M	G01138	BL M	G01170	RJ P
G01018	NE P	G01043	CR M	G01067	MR M	G01091	BL P	G01115	NE P	G01139	NE M	G01171	AM M
G01019	BL P	G01044	RS M	G01068	CR M	G01092	AM P	G01116	BL M	G01140	BL M	G01172	CR G
G01020	BL P	G01045	PS M	G01069	RJ P	G01093	CF M	G01117	CF M	G01141	NE P	G01173	BL P
G01021	AM M	G01046	RS P	G01070	AM G	G01094	AM G	G01118	BL P	G01142	AM M	G01174	BL P
G01022	AM M	G01047	CR P	G01071	MP M	G01095	CR G	G01119	CF M	G01143	BL M	G01175	BL P
G01023	CR P	G01048	CR P	G01072	AM M	G01096	RJ G	G01120	BL P	G01144	BL M	G01176	AM M
G01024	AM M	G01049	RS P	G01073	AM G	G01097	CR M	G01121	BL M	G01145	CR G	G01177	AM M
G01025	PS M	G01050	CR G	G01074	CR P	G01098	CR P	G01122	BL M	G01146	BL M	G01178	AM M
G01026	CR M	G01051	BL G	G01075	CR G	G01099	MR P	G01123	BL P	G01147	BL M	G01179	CR G
G01027	RJ M	G01052	BL P	G01076	BL M	G01100	BL M	G01124	BL M	G01148	CF M	G01180	CR M
G01028	BL M	G01053	NE P	G01077	BL M	G01101	CR M	G01125	BL P	G01149	BL P	G01181	CR M
G01029	RS G	G01054	RJ P	G01078	CR G	G01102	BL G	G01126	BL M	G01150	BL P	G01182	CR M
G01030	RS P	G01055	CF M	G01079	NE P	G01103	CR G	G01127	BL P	G01159	CR M	G01183	NE P
G01031	BL G	G01056	BL P	G01080	BL M	G01104	AM G	G01128	BL P	G01160	CF M	G01184	NE P
G01032	BL G	G01057	CR P	G01081	CF G	G01105	AM M	G01129	CR M	G01161	CR M	G01185	NE P
G01033	BL M	G01058	CR M	G01082	BL P	G01106	BL M	G01130	CF M	G01162	BL M	G01186	NE P
G01034	BL P	G01059	MR G	G01083	CR M	G01107	AM M	G01131	BL P	G01163	RJ P	G01187	NE P
G01036	CR G	G01060	CR G	G01084	CF M	G01108	CF P	G01132	BL P	G01164	NE P	G01188	BL P
G01037	BL P	G01061	CR G	G01085	BL M	G01109	RS M	G01133	BL P	G01165	NE P	G01189	NE P



N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G01359	RS	P	G01383	CR	M	G01407	BL	M	G01431	MR	M	G01456	BL	M	G01480	NE	P
G01360	AM	P	G01384	RJ	G	G01408	MR	M	G01432	BL	P	G01457	NE	P	G01481	CR	M
G01361	RS	M	G01385	RJ	G	G01409	CR	M	G01433	BL	P	G01458	NE	P	G01482	CR	G
G01362	RJ	P	G01386	BL	P	G01410	CR	M	G01434	AM	M	G01459	NE	P	G01483	MR	G
G01363	MR	M	G01387	BL	P	G01411	RS	G	G01435	AM	M	G01460	AM	P	G01484	CF	M
G01364	NE	P	G01388	CR	M	G01412	CR	M	G01436	RJ	M	G01461	AM	P	G01485	CR	G
G01365	DT	P	G01389	CR	M	G01413	CF	M	G01437	CR	M	G01462	CR	G	G01486	MR	G
G01366	MR	G	G01390	AM	M	G01414	JT	M	G01438	CR	M	G01463	CR	M	G01487	AM	M
G01367	MR	G	G01391	CR	P	G01415	RJ	G	G01439	CR	M	G01464	CF	G	G01488	RJ	M
G01368	MR	G	G01392	MR	G	G01416	RJ	G	G01440	NE	P	G01465	CR	M	G01489	AM	M
G01369	MR	M	G01393	MR	G	G01417	RJ	G	G01441	CR	M	G01466	NE	P	G01490	AM	G
G01370	CR	G	G01394	MR	M	G01418	RJ	G	G01442	DT	M	G01467	RJ	G	G01491	BL	P
G01371	NE	P	G01395	CR	M	G01419	BL	G	G01443	AM	M	G01468	CR	M	G01492	AM	P
G01372	AM	M	G01396	RJ	P	G01420	NE	M	G01444	CR	M	G01469	BL	G	G01493	CF	P
G01373	DT	M	G01397	RJ	P	G01421	AM	M	G01445	AM	M	G01470	BL	M	G01494	AM	M
G01374	AM	G	G01398	NE	P	G01422	NE	P	G01446	CR	M	G01471	BL	G	G01495	BL	P
G01375	AM	G	G01399	RS	P	G01423	NE	P	G01447	NE	P	G01472	BL	G	G01496	NE	P
G01376	NE	M	G01400	RS	P	G01424	NE	P	G01448	AM	M	G01473	BL	G	G01497	MR	M
G01377	AM	M	G01401	NE	P	G01425	CR	G	G01449	CR	P	G01474	BL	G	G01498	AM	M
G01378	AM	M	G01402	RS	P	G01426	CR	G	G01451	CR	M	G01475	BL	G	G01499	CF	M
G01379	NE	P	G01403	BL	M	G01427	NE	M	G01452	BL	M	G01476	BL	G	G01500	CR	G
G01380	CR	M	G01404	MR	G	G01428	AM	M	G01453	AM	M	G01477	BL	M	G01501	BL	P
G01381	BL	P	G01405	BL	P	G01429	AM	M	G01454	BL	P	G01478	BL	G	G01502	CR	G
G01382	CR	M	G01406	BL	P	G01430	BL	G	G01455	AM	M	G01479	BL	G	G01503	AM	P

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
G01528	NE P	G01552	NE P	G01576	NE M	G01600	BL M	G01624	BL P	G01648	AM M	G01672	NE P
G01529	BL G	G01553	NE P	G01577	BL P	G01601	AM M	G01625	BL M	G01649	NE P	G01673	NE P
G01530	NE P	G01554	AM M	G01578	CF M	G01602	BL M	G01626	BL G	G01650	NE P	G01674	NE P
G01531	BL P	G01555	CR M	G01579	MR M	G01603	AM M	G01627	BL M	G01651	NE M	G01675	RJ P
G01532	BL G	G01556	BL P	G01580	BL P	G01604	BL M	G01628	AM M	G01652	NE M	G01676	CR P
G01533	CR P	G01557	BL P	G01581	BL P	G01605	BL P	G01629	BL P	G01653	NE P	G01677	MR P
G01534	BL P	G01558	RS G	G01582	BL M	G01606	BL M	G01630	NE M	G01654	NE P	G01678	MR M
G01535	RS P	G01559	BL M	G01583	BL P	G01607	BL P	G01631	BL P	G01655	NE P	G01679	NE P
G01536	AM P	G01560	RJ G	G01584	BL P	G01608	BL M	G01632	AM G	G01656	NE M	G01680	CR M
G01537	NE P	G01561	BL G	G01585	BL P	G01609	BL G	G01633	BL G	G01657	NE P	G01681	NE M
G01538	AM P	G01562	AM P	G01586	AM M	G01610	AM P	G01634	CR M	G01658	NE M	G01682	NE P
G01539	RJ G	G01563	MR P	G01587	AM M	G01611	BL M	G01635	BL M	G01659	NE P	G01683	RJ P
G01540	AM M	G01564	AM M	G01588	BL G	G01612	BL P	G01636	RJ P	G01660	MR G	G01684	AM P
G01541	BL P	G01565	BL M	G01589	BL P	G01613	BL M	G01637	RJ P	G01661	BL P	G01685	NE P
G01542	BL P	G01566	AM P	G01590	CF G	G01614	NE M	G01638	BL M	G01662	CR G	G01686	NE P
G01543	BL P	G01567	NE P	G01591	BL M	G01615	CF G	G01639	CR P	G01663	NE P	G01687	BL P
G01544	AM M	G01568	NE M	G01592	AM M	G01616	RJ M	G01640	CF P	G01664	AM M	G01688	NE M
G01545	AM M	G01569	RJ P	G01593	BL M	G01617	CF M	G01641	CR P	G01665	NE M	G01689	NE P
G01546	BL G	G01570	BL M	G01594	AM M	G01618	BL G	G01642	AM M	G01666	RJ M	G01690	WS P
G01547	AM M	G01571	AM M	G01595	AM G	G01619	BL M	G01643	CR M	G01667	BL M	G01691	CR P
G01548	BL P	G01572	AM P	G01596	BL P	G01620	AM M	G01644	NE P	G01668	MR P	G01692	RS P
G01549	NE P	G01573	NE P	G01597	AM M	G01621	NE M	G01645	CR P	G01669	NE P	G01693	NE P
G01550	NE P	G01574	BL P	G01598	NE M	G01622	BL P	G01646	CR P	G01670	NE P	G01694	NE P
G01551	NE P	G01575	BL P	G01599	BL M	G01623	AM M	G01647	MR P	G01671	RJ P	G01695	NE P



N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
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G01696	NE P	G01720	NE P	G01746	CR P	G01770	RS M	G01795	MR M	G01819	AM P	G01843	CR P
G01697	NE P	G01722	NE P	G01747	CF M	G01771	RS P	G01796	AM M	G01820	NE P	G01844	CR P
G01698	NE P	G01723	NE P	G01748	NE P	G01773	RS P	G01797	AM M	G01821	CR M	G01845	NE P
G01699	NE P	G01724	RJ P	G01749	AM G	G01774	AM M	G01798	AM G	G01822	AM M	G01846	CF P
G01700	NE P	G01725	NE P	G01750	CF P	G01775	CR P	G01799	CR M	G01823	AM M	G01847	NE P
G01701	NE P	G01726	NE P	G01751	CF P	G01776	RS P	G01800	AM M	G01824	AM P	G01848	RJ P
G01702	NE P	G01727	BL M	G01752	CR P	G01777	AM M	G01801	RS M	G01825	RJ M	G01849	CF P
G01703	NE P	G01728	MR P	G01753	NE P	G01778	RS G	G01802	CR G	G01826	NE P	G01850	NE P
G01704	NE P	G01729	NE P	G01754	RJ M	G01779	CR M	G01803	RS M	G01827	RS P	G01851	NE P
G01705	NE P	G01731	NE P	G01755	CR P	G01780	CR M	G01804	AM P	G01828	RJ M	G01852	RJ P
G01706	NE P	G01732	NE M	G01756	RJ M	G01781	AM P	G01805	CR M	G01829	RJ M	G01853	RJ G
G01707	NE P	G01733	NE P	G01757	NE M	G01782	AM G	G01806	AM P	G01830	AM P	G01854	RS P
G01708	RJ P	G01734	NE M	G01758	CR G	G01783	CR P	G01807	AM P	G01831	RJ M	G01855	NE P
G01709	RJ P	G01735	RJ M	G01759	CR M	G01784	BL M	G01808	AM P	G01832	RS P	G01856	MR M
G01710	NE M	G01736	RJ M	G01760	AM M	G01785	AM M	G01809	AM P	G01833	NE P	G01857	RJ P
G01711	NE P	G01737	NE M	G01761	RS M	G01786	CF P	G01810	RS M	G01834	RS P	G01858	RJ P
G01712	RJ M	G01738	NE M	G01762	CR M	G01787	AM M	G01811	NE P	G01835	NE P	G01859	RJ P
G01713	NE P	G01739	NE M	G01763	CR M	G01788	RS M	G01812	AM M	G01836	CR M	G01860	RJ P
G01714	NE P	G01740	RJ M	G01764	AM G	G01789	CR M	G01813	AM M	G01837	NE P	G01861	NE P
G01715	NE P	G01741	NE P	G01765	CR M	G01790	AM M	G01814	AM M	G01838	CF P	G01862	NE P
G01716	RJ P	G01742	CR P	G01766	AM M	G01791	CR G	G01815	AM P	G01839	CF P	G01863	RJ P
G01717	MR P	G01743	RS M	G01767	NE P	G01792	CR G	G01816	AM M	G01840	RJ P	G01864	NE P
G01718	RJ M	G01744	RJ P	G01768	AM M	G01793	AM P	G01817	AM P	G01841	RJ P	G01865	RJ P
G01719	BL M	G01745	NE P	G01769	RS M	G01794	RS M	G01818	CR P	G01842	RJ P	G01866	RJ P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G01867	RJ	P	G01891	RJ	P	G01915	RJ	P	G01939	CR	G	G01963	RJ	M	G01987	RJ	P
G01868	RJ	P	G01892	RJ	P	G01916	RJ	P	G01940	NE	P	G01964	NE	P	G01988	RJ	P
G01869	NE	P	G01893	RS	P	G01917	RJ	P	G01941	NE	P	G01965	RJ	M	G01989	BL	P
G01870	RJ	P	G01894	NE	P	G01918	RJ	M	G01942	AM	M	G01966	NE	P	G01990	NE	P
G01871	RJ	P	G01895	RJ	P	G01919	NE	P	G01943	AM	M	G01967	NE	P	G01991	NE	P
G01872	NE	P	G01896	RJ	P	G01920	RJ	P	G01944	NE	M	G01968	BL	P	G01992	RJ	M
G01873	RJ	P	G01897	RJ	P	G01921	RJ	P	G01945	NE	M	G01969	NE	P	G01993	NE	P
G01874	NE	P	G01898	NE	P	G01922	RJ	P	G01946	BL	M	G01970	NE	P	G01994	NE	P
G01875	RJ	P	G01899	RJ	P	G01923	RJ	P	G01947	NE	P	G01971	NE	P	G01995	NE	M
G01876	RJ	P	G01900	RJ	P	G01924	NE	P	G01948	RJ	M	G01972	NE	P	G01996	NE	P
G01877	RJ	M	G01901	RJ	P	G01925	RJ	P	G01949	NE	P	G01973	NE	P	G01997	NE	P
G01878	RJ	P	G01902	RJ	M	G01926	RJ	P	G01950	NE	M	G01974	NE	P	G01998	NE	P
G01879	RJ	P	G01903	RJ	P	G01927	RJ	P	G01951	NE	M	G01975	NE	P	G01999	NE	P
G01880	RJ	P	G01904	RJ	P	G01928	NE	P	G01952	NE	P	G01976	NE	P	G02000	BL	P
G01881	RJ	P	G01905	RJ	P	G01929	RJ	P	G01953	RJ	M	G01977	NE	P	G02001	NE	P
G01882	RJ	P	G01906	RJ	M	G01930	RJ	P	G01954	NE	P	G01978	NE	P	G02002	MR	P
G01883	RJ	P	G01907	NE	P	G01931	RJ	P	G01955	NE	M	G01979	NE	P	G02003	BL	P
G01884	NE	P	G01908	NE	P	G01932	NE	P	G01956	RJ	P	G01980	NE	P	G02004	BL	P
G01885	BL	P	G01909	RS	P	G01933	RJ	P	G01957	RJ	M	G01981	NE	P	G02005	NE	P
G01886	RJ	M	G01910	RJ	P	G01934	NE	P	G01958	NE	M	G01982	NE	P	G02006	NE	P
G01887	RJ	P	G01911	RJ	P	G01935	RS	M	G01959	NE	M	G01983	RJ	P	G02007	BL	P
G01888	RJ	P	G01912	NE	P	G01936	CR	G	G01960	NE	M	G01984	NE	P	G02008	NE	P
G01889	RJ	P	G01913	BL	P	G01937	RJ	M	G01961	RJ	P	G01985	NE	P	G02009	NE	P
G01890	RJ	P	G01914	NE	P	G01938	NE	P	G01962	NE	P	G01986	BL	P	G02010	RJ	P

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
G02036	NE P	G02060	RS P	G02084	NE P	G02108	RJ P	G02132	CR P	G02156	MR M	G02181	MR M
G02037	BL M	G02061	CF P	G02085	CR P	G02109	RJ P	G02133	CF P	G02157	RJ G	G02182	RJ M
G02038	NE P	G02062	RJ P	G02086	RS P	G02110	CR P	G02134	RJ P	G02158	NE M	G02183	NE P
G02039	RJ P	G02063	RS P	G02087	RJ P	G02111	RJ P	G02135	CF M	G02159	NE P	G02184	NE M
G02040	NE P	G02064	RS P	G02088	CF P	G02112	RJ P	G02136	CR M	G02160	RJ M	G02185	RJ M
G02041	RJ P	G02065	RJ P	G02089	RJ P	G02113	AM M	G02137	CR P	G02161	NE P	G02186	RJ P
G02042	NE P	G02066	MR M	G02090	RS P	G02114	CF P	G02138	RJ P	G02162	NE P	G02187	RJ M
G02043	NE P	G02067	RJ P	G02091	NE P	G02115	RJ P	G02139	RJ P	G02163	RJ M	G02188	AM P
G02044	NE P	G02068	CF P	G02092	RJ P	G02116	CF P	G02140	RJ P	G02164	NE P	G02189	RS M
G02045	NE P	G02069	RS P	G02093	RS M	G02117	AM P	G02141	CF M	G02165	RJ P	G02190	AM M
G02046	NE P	G02070	AM M	G02094	RJ P	G02118	RJ P	G02142	CF M	G02166	RJ P	G02191	NE P
G02047	RJ P	G02071	RJ P	G02095	RJ P	G02119	AM P	G02143	RJ P	G02167	RJ P	G02192	AM M
G02048	RJ P	G02072	RS P	G02096	RJ P	G02120	CR P	G02144	RJ P	G02168	RJ P	G02193	CR M
G02049	RS M	G02073	CF P	G02097	CR P	G02121	RS P	G02145	CF P	G02169	RJ M	G02194	NE P
G02050	RS P	G02074	CF P	G02098	RJ P	G02122	AM M	G02146	NE M	G02170	NE M	G02195	NE P
G02051	CR P	G02075	RJ P	G02099	RJ P	G02123	CF P	G02147	RJ P	G02171	MR P	G02196	MR P
G02052	CF P	G02076	RJ P	G02100	RJ P	G02124	RJ P	G02148	RJ P	G02172	NE P	G02197	NE P
G02053	RJ P	G02077	NE P	G02101	RJ P	G02125	RS P	G02149	RJ P	G02173	RJ P	G02198	BL P
G02054	RJ P	G02078	RS P	G02102	RJ P	G02126	AM P	G02150	RJ P	G02174	NE P	G02199	NE P
G02055	RS P	G02079	RJ P	G02103	RJ P	G02127	OT P	G02151	RJ P	G02175	NE P	G02200	NE P
G02056	RS P	G02080	RJ P	G02104	RJ P	G02128	RJ P	G02152	RJ P	G02176	NE P	G02201	NE P
G02057	RJ P	G02081	CR P	G02105	RJ P	G02129	AM P	G02153	RJ P	G02177	RJ P	G02202	NE P
G02058	RS M	G02082	RJ P	G02106	RJ P	G02130	CF P	G02154	RJ P	G02178	BL P	G02203	NE P
G02059	RJ M	G02083	RJ P	G02107	MR M	G02131	RJ P	G02155	RJ P	G02179	RJ P	G02204	NE P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G02205	NE	P	G02229	NE	M	G02254	CR	M	G02278	AM	M	G02301	CR	G	G02325	RJ	P
G02206	NE	P	G02230	RJ	P	G02255	AM	M	G02279	NE	P	G02302	RJ	M	G02326	NE	P
G02207	NE	P	G02231	NE	P	G02256	CR	G	G02279A	NE	P	G02303	AM	M	G02327	NE	M
G02208	NE	P	G02232	BL	P	G02257	CR	M	G02280	CR	G	G02304	NE	P	G02329	NE	P
G02209	NE	P	G02233	RJ	P	G02258	RS	M	G02281	CF	M	G02305	NE	P	G02330	RS	P
G02210	RJ	P	G02234	MR	M	G02259	AM	G	G02282	BL	M	G02306	AM	M	G02331	AM	M
G02211	RJ	M	G02235	NE	M	G02260	AM	M	G02283	NE	M	G02307	BL	P	G02332	RJ	P
G02212	RJ	M	G02236	RJ	P	G02261	AM	M	G02284	CR	G	G02308	RS	M	G02333	RJ	P
G02213	NE	M	G02237	NE	P	G02262	CR	M	G02285	AM	M	G02309	NE	P	G02334	RJ	P
G02214	BL	M	G02238	NE	P	G02263	RS	M	G02286	BL	P	G02310	NE	P	G02335	NE	P
G02215	NE	P	G02239	RJ	P	G02264	CR	P	G02287	AM	M	G02311	RS	M	G02336	RS	P
G02216	AM	M	G02240	BL	M	G02265	CR	P	G02288	CF	M	G02312	AM	G	G02337	CR	M
G02217	BL	P	G02241	NE	P	G02266	CR	M	G02289	CF	M	G02313	BL	M	G02338	NE	M
G02218	MR	M	G02242	RJ	P	G02267	AM	M	G02290	NE	M	G02314	NE	P	G02339	RJ	P
G02219	NE	P	G02243	NE	P	G02268	CR	M	G02291	NE	M	G02315	NE	P	G02340	NE	P
G02220	NE	P	G02244	NE	P	G02269	AM	G	G02292	CR	M	G02316	NE	P	G02341	RJ	P
G02221	BL	P	G02245	BL	P	G02270	CR	M	G02293	NE	M	G02317	AM	M	G02342	CR	M
G02222	NE	M	G02246	NE	P	G02271	AM	G	G02294	NE	P	G02318	RJ	M	G02343	NE	P
G02223	NE	P	G02247	BL	P	G02272	AM	M	G02295	AM	M	G02319	BL	P	G02344	NE	P
G02224	NE	P	G02248	NE	P	G02273	AM	M	G02296	NE	P	G02320	NE	P	G02345	RS	P
G02225	NE	P	G02249	CR	P	G02274	AM	P	G02297	NE	P	G02321	RS	M	G02346	CR	P
G02226	NE	M	G02250	AM	P	G02275	NE	P	G02298	AM	M	G02322	AM	G	G02347	BL	P
G02227	NE	P	G02251	AM	P	G02276	RS	P	G02299	NE	P	G02323	NE	P	G02348	RS	P
G02228	NE	P	G02253	AM	M	G02277	CR	M	G02300	NE	P	G02324	NE	P	G02349	BL	P

N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM
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G02374	BL P	G02398	CR M	G02422	RJ M	G02446	NE P	G02470	CF G	G02494	NE P	G02519	CR M
G02375	AM G	G02399	AM M	G02423	AM M	G02447	NE P	G02471	AM P	G02496	CR P	G02520	NE P
G02376	AM M	G02400	AM M	G02424	CR G	G02448	RS P	G02472	NE P	G02497	NE P	G02521	RJ P
G02377	CR G	G02401	AM P	G02425	RJ M	G02449	MR G	G02473	AM P	G02498	AM P	G02522	MR P
G02378	CR G	G02402	CR M	G02426	RS G	G02450	AM P	G02474	CR M	G02499	NE M	G02524	RS P
G02379	CR M	G02403	AM P	G02427	RJ M	G02451	NE P	G02475	CR G	G02500	NE M	G02525	CR P
G02380	AM M	G02404	CR M	G02428	MR P	G02452	NE P	G02476	CR M	G02501	NE P	G02526	CR G
G02381	NE P	G02405	CR M	G02429	AM M	G02453	NE P	G02477	AM P	G02502	BL P	G02527	CR M
G02382	NE M	G02406	AM M	G02430	AM P	G02454	RJ P	G02478	CR P	G02503	CR G	G02528	NE P
G02383	NE M	G02407	AM P	G02431	AM M	G02455	RJ P	G02479	AM P	G02504	RS P	G02529	CF M
G02384	NE M	G02408	AM P	G02432	NE P	G02456	NE P	G02480	AM M	G02505	NE M	G02530	RJ P
G02385	CR G	G02409	NE P	G02433	CF M	G02457	NE P	G02481	AM P	G02506	NE P	G02531	MR G
G02386	NE P	G02410	BL P	G02434	CR G	G02458	CR M	G02482	CR P	G02507	RJ P	G02532	CR M
G02387	CR G	G02411	CR M	G02435	RS P	G02459	CR M	G02483	NE P	G02508	CR P	G02533	RJ G
G02388	CR M	G02412	CR P	G02436	NE P	G02460	CR M	G02484	CR M	G02509	CR P	G02534	CR G
G02389	BL P	G02413	AM M	G02437	NE M	G02461	CR M	G02485	AM M	G02510	NE M	G02535	CF P
G02390	NE M	G02414	CR M	G02438	RJ P	G02462	CR M	G02486	NE P	G02511	NE P	G02536	CR P
G02391	NE M	G02415	AM M	G02439	NE M	G02463	CR G	G02487	CR P	G02512	CR P	G02537	NE P
G02392	RS M	G02416	AM G	G02440	NE P	G02464	CR M	G02488	AM G	G02513	NE P	G02538	CR M
G02393	AM M	G02417	CR M	G02441	RS P	G02465	CR G	G02489	NE P	G02514	NE P	G02539	CR P
G02394	RS M	G02418	AM M	G02442	NE P	G02466	CR M	G02490	NE P	G02515	NE P	G02540	BL P
G02395	RS M	G02419	CF M	G02443	RJ M	G02467	RS M	G02491	BL P	G02516	CR M	G02541	RS P
G02396	CR G	G02420	RS M	G02444	NE P	G02468	AM M	G02492	NE P	G02517	CF P	G02542	RJ M
G02397	BL P	G02421	CR M	G02445	RJ P	G02469	RS P	G02493	BL P	G02518	CF P	G02543	RS M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G02544	AM	G	G02570	AM	M	G02594	NE	P	G02618	CR	M	G02642	CR	M	G02667	NE	P
G02545	AM	M	G02571	CR	M	G02595	RS	M	G02619	CR	G	G02643	AM	P	G02668	NE	P
G02546	RS	G	G02572	RS	M	G02596	AM	M	G02620	AM	M	G02644	RS	P	G02669	CR	M
G02547	CR	M	G02573	AM	M	G02597	AM	G	G02621	RS	M	G02645	RS	P	G02670	AM	M
G02548	CR	M	G02574	CR	M	G02598	MR	P	G02622	CR	P	G02646	CR	M	G02671	NE	P
G02549	CR	M	G02575	CR	M	G02599	NE	P	G02623	CF	M	G02647	CR	M	G02672	AM	M
G02550	CR	M	G02576	CR	M	G02600	CR	M	G02624	AM	M	G02648	CR	M	G02673	CR	M
G02551	MR	M	G02577	CR	G	G02601	NE	M	G02625	MR	P	G02649	CR	M	G02674	NE	P
G02552	BL	P	G02578	CR	M	G02602	NE	M	G02626	AM	M	G02650	NE	P	G02675	NE	M
G02553	CR	M	G02579	CR	G	G02603	RS	P	G02627	AM	P	G02651	AM	M	G02676	NE	M
G02554	RJ	P	G02580	NE	P	G02604	NE	P	G02628	CF	P	G02653	AM	M	G02677	RJ	M
G02556	AM	M	G02581	NE	P	G02605	NE	P	G02629	AM	M	G02654	CR	M	G02678	NE	P
G02557	AM	M	G02582	NE	P	G02606	RJ	P	G02630	AM	P	G02655	CR	G	G02679	NE	P
G02558	AM	M	G02583	MR	P	G02607	RJ	P	G02631	AM	P	G02656	AM	G	G02680	NE	P
G02559	NE	M	G02584	NE	P	G02608	NE	M	G02632	AM	P	G02657	BL	M	G02681	CF	P
G02560	CR	M	G02585	NE	P	G02609	NE	M	G02633	CR	M	G02658	AM	M	G02682	RJ	G
G02561	RJ	G	G02586	CF	M	G02610	RJ	P	G02634	AM	M	G02659	CR	M	G02683	MR	M
G02563	RS	M	G02587	AM	M	G02611	NE	P	G02635	RS	M	G02660	NE	M	G02684	RJ	P
G02564	CR	M	G02588	NE	P	G02612	RS	M	G02636	CR	P	G02661	NE	M	G02685	RJ	G
G02565	AM	G	G02589	AM	M	G02613	NE	P	G02637	CR	M	G02662	NE	P	G02686	MR	G
G02566	AM	M	G02590	NE	M	G02614	CR	M	G02638	BL	P	G02663	NE	M	G02687	AM	M
G02567	CR	M	G02591	AM	M	G02615	CR	M	G02639	NE	P	G02664	CR	M	G02688	BL	P
G02568	NE	P	G02592	NE	M	G02616	CF	G	G02640	NE	P	G02665	CR	M	G02689	NE	P
G02569	CR	M	G02593	NE	P	G02617	AM	G	G02641	CR	P	G02666	NE	P	G02690	NE	P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G02715	NE	P	G02740	NE	P	G02764	NE	M	G02788	CR	M	G02812	RS	P	G02836	RS	P
G02716	NE	P	G02741	NE	P	G02765	NE	P	G02789	RS	M	G02813	DT	M	G02837	CR	M
G02717	NE	P	G02742	RJ	P	G02766	NE	P	G02790	CR	P	G02814	RS	P	G02838	CR	M
G02718	NE	P	G02743	AM	M	G02767	NE	P	G02791	AM	P	G02815	CF	P	G02839	RS	P
G02719	AM	M	G02744	CF	M	G02768	NE	P	G02792	NE	P	G02816	CR	M	G02840	CR	P
G02720	RS	G	G02745	RJ	M	G02769	NE	P	G02793	CR	G	G02817	RS	P	G02841	AM	M
G02721	CR	G	G02746	RJ	P	G02770	CR	P	G02794	NE	P	G02818	CR	P	G02842	CF	P
G02722	NE	P	G02747	NE	P	G02771	CF	P	G02795	RS	M	G02819	CR	P	G02842A	CF	M
G02724	CF	G	G02748	RJ	P	G02772	CR	M	G02796	AM	P	G02820	NE	P	G02843	AM	P
G02725	AM	M	G02749	RJ	P	G02773	CR	M	G02797	CR	P	G02821	RS	P	G02844	AM	P
G02726	NE	P	G02750	RJ	P	G02774	CR	M	G02798	BL	M	G02822	CR	P	G02845	BL	P
G02727	NE	P	G02751	NE	P	G02775	CR	M	G02799	CR	G	G02823	CR	P	G02846	CR	M
G02728	NE	P	G02752	RJ	P	G02776	CR	M	G02800	AM	P	G02824	CR	M	G02847	AM	P
G02729	NE	P	G02753	RJ	P	G02777	NE	P	G02801	AM	P	G02825	CR	P	G02848	CR	M
G02730	NE	P	G02754	RJ	P	G02778	BL	M	G02802	AM	P	G02826	AM	M	G02849	AM	G
G02731	NE	P	G02755	RJ	P	G02779	CR	P	G02803	CR	M	G02827	CR	P	G02850	CF	P
G02732	NE	P	G02756	RJ	P	G02780	CR	M	G02804	CR	M	G02828	CR	P	G02851	RS	M
G02733	NE	P	G02757	RJ	P	G02781	CR	M	G02805	RS	P	G02829	CR	M	G02852	CR	M
G02734	NE	P	G02758	MR	P	G02782	CR	G	G02806	RJ	P	G02830	CR	M	G02853	CR	M
G02735	NE	P	G02759	RJ	P	G02783	CR	M	G02807	NE	M	G02831	CR	P	G02854	RS	P
G02736	NE	P	G02760	RJ	M	G02784	CR	M	G02808	MR	P	G02832	CR	M	G02855	RS	P
G02737	NE	P	G02761	RJ	P	G02785	CR	M	G02809	CR	M	G02833	CR	G	G02856	CR	G
G02738	CR	P	G02762	RJ	P	G02786	CR	M	G02810	CR	M	G02834	RS	M	G02857	CR	P
G02739	NE	P	G02763	RJ	P	G02787	NE	P	G02811	BL	P	G02835	CF	P	G02858	CR	M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G02863	BL	M	G02907	NE	M	G02932	BL	P	G02958	NE	P	G02982	NE	P	G03006	NE	P
G02884	CF	M	G02908	CF	G	G02933	BL	P	G02959	NE	P	G02983	NE	P	G03007	NE	P
G02885	CF	P	G02909	CR	P	G02934	BL	P	G02960	NE	P	G02984	NE	P	G03008	NE	P
G02886	MR	P	G02910	CR	M	G02935	BL	P	G02961	RS	P	G02985	NE	P	G03009	NE	P
G02887	CR	P	G02911	CR	M	G02936	BL	P	G02962	RJ	P	G02986	RJ	M	G03010	NE	P
G02888	AM	M	G02912	CR	P	G02937	CF	M	G02963	NE	P	G02987	NE	P	G03011	BL	P
G02889	BL	P	G02913	RS	P	G02938	BL	M	G02964	BL	P	G02988	NE	P	G03012	NE	P
G02890	RJ	M	G02914	CR	P	G02939	NE	P	G02965	NE	P	G02989	NE	P	G03013	NE	P
G02891	AM	M	G02915	CF	P	G02940	CR	M	G02966	NE	P	G02990	NE	P	G03014	NE	P
G02892	CR	P	G02916	NE	P	G02941	NE	P	G02967	BL	P	G02991	NE	P	G03015	NE	P
G02893	BL	P	G02917	NE	P	G02942	RS	M	G02968	MR	P	G02992	RJ	M	G03016	NE	P
G02894	NE	P	G02918	MR	P	G02943	NE	M	G02969	RJ	M	G02993	RJ	P	G03017	MR	P
G02895	RJ	G	G02919	MR	P	G02944	NE	P	G02970	RS	P	G02994	NE	P	G03018	BL	P
G02896	NE	P	G02920	NE	P	G02945	NE	G	G02971	RJ	P	G02995	RJ	P	G03019	BL	P
G02897	AM	M	G02921	NE	P	G02946	BL	M	G02972	NE	P	G02996	NE	P	G03020	RS	P
G02898	MR	G	G02922	AM	M	G02947	NE	M	G02973	BL	P	G02997	NE	P	G03021	NE	P
G02899	NE	P	G02923	NE	P	G02950	NE	P	G02974	NE	P	G02998	BL	P	G03022	BL	P
G02900	BL	P	G02925	RJ	P	G02951	NE	P	G02975	RJ	P	G02999	NE	P	G03023	RJ	P
G02901	CR	M	G02926	CF	M	G02952	NE	P	G02976	RJ	P	G03000	NE	P	G03024	NE	P
G02902	AM	M	G02927	RS	P	G02953	NE	P	G02977	NE	P	G03001	BL	P	G03025	NE	P
G02903	AM	P	G02928	RJ	P	G02954	RJ	P	G02978	NE	P	G03002	MR	M	G03026	NE	P
G02904	NE	P	G02929	RS	P	G02955	NE	P	G02979	NE	P	G03003	MR	P	G03027	NE	P
G02905	NE	P	G02930	BL	M	G02956	NE	P	G02980	NE	P	G03004	NE	P	G03028	MR	P
G02906	RJ	P	G02931	BL	P	G02957	RJ	P	G02981	NE	P	G03005	NE	P	G03029	NE	P



N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G03055	NE	P	G03080	NE	P	G03107	NE	P	G03131	NE	P	G03155	NE	P	G03179	RJ	P
G03056	BL	M	G03081	BL	M	G03108	NE	P	G03132	NE	P	G03156	NE	P	G03180	NE	P
G03057	NE	P	G03083	NE	P	G03109	NE	P	G03133	RJ	P	G03157	MR	G	G03181	NE	P
G03058	RJ	P	G03085	NE	G	G03110	NE	P	G03134	NE	P	G03158	NE	P	G03182	NE	P
G03059	NE	P	G03086	NE	P	G03111	NE	P	G03135	NE	P	G03159	NE	P	G03183	BL	P
G03060	RJ	P	G03087	BL	M	G03112	NE	P	G03136	NE	P	G03160	BL	P	G03184	NE	P
G03061	NE	P	G03089	NE	P	G03113	NE	P	G03137	NE	P	G03161	NE	P	G03185	NE	P
G03062	NE	P	G03090	NE	M	G03114	BL	P	G03138	NE	P	G03162	RJ	P	G03186	NE	P
G03064	NE	P	G03091	NE	P	G03115	NE	P	G03139	NE	P	G03163	NE	P	G03187	NE	P
G03065	NE	P	G03092	BL	M	G03116	NE	P	G03140	NE	P	G03164	NE	P	G03188	NE	P
G03066	RJ	P	G03093	BL	M	G03117	NE	P	G03141	NE	P	G03165	NE	P	G03189	NE	P
G03067	MR	P	G03094	BL	G	G03118	BL	P	G03142	NE	P	G03166	MR	P	G03190	NE	P
G03068	NE	P	G03095	NE	P	G03119	RJ	P	G03143	NE	P	G03167	NE	P	G03191	NE	P
G03069	BL	P	G03096	MR	P	G03120	NE	P	G03144	NE	P	G03168	NE	M	G03192	BL	P
G03070	AM	P	G03097	BL	P	G03121	NE	P	G03145	NE	P	G03169	NE	P	G03193	NE	P
G03071	NE	P	G03098	MR	P	G03122	NE	P	G03146	NE	P	G03170	NE	P	G03194	BL	P
G03072	NE	P	G03099	NE	P	G03123	NE	P	G03147	NE	P	G03171	RJ	P	G03195	BL	P
G03073	AM	P	G03100	NE	P	G03124	MR	P	G03148	BL	P	G03172	RJ	P	G03196	NE	P
G03074	RJ	P	G03101	NE	P	G03125	NE	P	G03149	NE	P	G03173	BL	P	G03197	RJ	P
G03075	RJ	P	G03102	NE	P	G03126	NE	P	G03150	RJ	P	G03174	NE	P	G03198	NE	P
G03076	NE	P	G03103	RJ	P	G03127	NE	P	G03151	NE	P	G03175	NE	P	G03199	NE	P
G03077	NE	P	G03104	RJ	P	G03128	NE	P	G03152	NE	P	G03176	BL	P	G03200	NE	P
G03078A	NE	P	G03105	NE	P	G03129	BL	P	G03153	NE	P	G03177	NE	M	G03201	NE	P
G03079	NE	M	G03106	BL	P	G03130	NE	P	G03154	NE	P	G03178	RJ	P	G03202	NE	P

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
G03227	MR P	G03251	RJ P	G03276	CR G	G03301	CR M	G03326	CR M	G03350	CR M	G03374	AM M
G03228	NE P	G03252	RJ P	G03277	NE M	G03302	CR M	G03327	CF M	G03351	AM M	G03375	NE M
G03229	NE P	G03253	CR M	G03278	NE M	G03303	AM M	G03328	NE P	G03352	AM M	G03376	RS P
G03230	NE P	G03255	CR M	G03279	MR P	G03305	AM M	G03329	NE M	G03353	NE M	G03377	NE P
G03231	RJ P	G03256	AM G	G03280	CR G	G03306	BL P	G03330	CF M	G03354	AM M	G03377A	AM M
G03232	NE P	G03257	CR G	G03281	CF M	G03307	CR M	G03331	NE P	G03355	CR P	G03378	BL P
G03233	NE P	G03258	RS P	G03282	CR G	G03308	AM M	G03332	NE P	G03356	CR P	G03379	CF P
G03234	NE P	G03259	CR G	G03283	BL P	G03309	NE M	G03333	NE P	G03357	CR M	G03380	NE P
G03235	NE P	G03260	AM G	G03284	BL M	G03310	NE M	G03334	NE P	G03358	CR M	G03381	AM P
G03236	NE P	G03261	RS M	G03285	CR G	G03311	NE M	G03335	NE M	G03359	NE P	G03382	NE M
G03237	NE P	G03262	AM M	G03286	MR P	G03312	CF M	G03336	CR M	G03360	NE P	G03383	CF M
G03238	NE P	G03263	RS P	G03287	RS P	G03313	CF M	G03337	CR M	G03361	NE M	G03384	AM G
G03239	RJ P	G03264	CR M	G03288	CF M	G03314	CF M	G03338	NE M	G03362	CR P	G03385	NE G
G03240	NE P	G03265	CR M	G03289	CR M	G03315	RS M	G03339	NE M	G03363	NE P	G03386	NE G
G03241	NE P	G03266	CF G	G03290	CR M	G03316	CR M	G03340	CR M	G03364	AM P	G03387	AM G
G03242	NE P	G03267	BL M	G03291	CR M	G03317	CR M	G03341	RJ P	G03365	AM M	G03388	NE G
G03243	NE P	G03268	AM M	G03292	AM M	G03318	NE M	G03342	NE P	G03366	CR P	G03389	CR G
G03244	NE P	G03269	CR M	G03293	CR M	G03319	CR M	G03343	NE M	G03367	CR P	G03390	RS G
G03245	NE P	G03270	AM M	G03294	CR M	G03320	NE M	G03344	CF P	G03368	AM M	G03391	AM G
G03246	NE P	G03271	CR G	G03295	NE M	G03321	CR M	G03345	CR M	G03369	AM M	G03392	NE M
G03247	BL P	G03272	CR G	G03296	NE G	G03322	OT M	G03346	NE P	G03370	CR P	G03393	AM M
G03248	NE P	G03273	RS M	G03297	NE M	G03323	AM P	G03347	AM M	G03371	CR M	G03394	AM G
G03249	NE P	G03274	RS M	G03298	AM M	G03324	CR M	G03348	NE P	G03372	CR M	G03395	AM G
G03250	NE P	G03275	CR G	G03300	CR M	G03325	CR M	G03349	CF P	G03373	NE M	G03396	NE M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G03397	NE	M	G03419	AM	M	G03444	CR	M	G03468	CR	G	G03493	CR	G	G03517	NE	P
G03398	NE	M	G03420	BL	M	G03445	RS	G	G03469	CF	P	G03494	CR	M	G03518	NE	P
G03399	NE	G	G03421	BL	M	G03446	RJ	M	G03470	AM	M	G03495	CF	M	G03519	NE	P
G03400	NE	M	G03422	CR	G	G03447	CF	M	G03471	AM	P	G03496	CR	M	G03520	NE	P
G03401	AM	M	G03423	CR	M	G03448	CR	G	G03472	NE	M	G03497	AM	M	G03521	NE	P
G03402	CR	M	G03424	AM	M	G03449	AM	G	G03473	AM	G	G03498	CR	G	G03522	NE	P
G03403	NE	M	G03425	CR	G	G03450	RS	M	G03474	NE	M	G03499	CR	M	G03523	NE	P
G03404	CR	G	G03426	CR	G	G03451	RS	M	G03475	NE	M	G03500	AM	G	G03524	NE	P
G03405	AM	M	G03427	CR	G	G03452	RS	G	G03476	CR	P	G03501	CR	M	G03525	CF	P
G03406	NE	M	G03428	CR	G	G03453	BL	P	G03477	NE	P	G03502	AM	M	G03526	NE	P
G03407	NE	M	G03429	CR	G	G03454	CF	P	G03478	NE	G	G03503	AM	P	G03527	NE	P
G03408	CR	M	G03431	CR	G	G03455	RS	P	G03479	CF	M	G03504	CR	M	G03528	NE	P
G03409	NE	M	G03432	CR	G	G03456	CF	M	G03480	CR	M	G03505	NE	P	G03529	NE	P
G03410	CR	M	G03433	AM	M	G03457	CR	M	G03481	AM	M	G03506	NE	P	G03530	NE	P
G03411	NE	M	G03434	CR	M	G03458	CR	P	G03482	RS	M	G03507	NE	P	G03531	NE	P
G03412	CR	M	G03435	AM	M	G03459	BL	P	G03483	CR	M	G03508	NE	P	G03532	BL	P
G03413	AM	M	G03436	CR	M	G03460	AM	P	G03484	AM	M	G03509	BL	P	G03533	CR	M
G03414	NE	M	G03437	AM	M	G03461	AM	P	G03485	NE	P	G03510	BL	P	G03534	CR	M
G03415	AM	M	G03438	CR	M	G03462	CR	M	G03486	CR	M	G03511	AM	M	G03535	CR	M
G03416	NE	P	G03439	CR	M	G03463	CR	G	G03487	NE	P	G03512	CR	P	G03536	CF	M
G03417	AM	M	G03440	BL	P	G03464	NE	P	G03488	CR	P	G03513	NE	P	G03537	CF	M
G03418	NE	M	G03441	AM	M	G03465	NE	P	G03490	RS	M	G03514	NE	P	G03538	CF	G
G03418A	NE	G	G03442	AM	M	G03466	NE	P	G03491	AM	M	G03515	NE	P	G03539	CR	M
G03418B	CF	G	G03443	CR	M	G03467	CR	M	G03492	CR	M	G03516	NE	P	G03540	BL	P

N_C IAT	C P T M	N_C IAT	C P T M	N_C IAT	C P T M	N_C IAT	C P T M	N_C IAT	C P T M	N_C IAT	C P T M	N_C IAT	C P T M
G03566	NE P	G03591	RJ P	G03615	NE M	G03639	NE M	G03663	RS G	G03687	MR P	G03711	NE P
G03567	NE P	G03592	CF P	G03616	RJ G	G03640	RS G	G03664	NE P	G03688	RJ M	G03712	NE P
G03569	NE P	G03593	RJ P	G03617	NE P	G03641	RS P	G03665	NE P	G03689	NE P	G03713	NE P
G03570	BL P	G03594	RJ P	G03618	CR G	G03642	AM G	G03666	NE P	G03690	RJ M	G03714	NE P
G03571	NE P	G03595	RS M	G03619	MR P	G03643	CF P	G03667	NE P	G03691	NE M	G03715	NE P
G03572	AM G	G03596	RS M	G03620	NE P	G03644	NE P	G03668	RJ G	G03692	RJ P	G03716	NE P
G03573	AM M	G03597	RJ G	G03621	NE P	G03645	NE P	G03669	NE P	G03693	NE M	G03717	NE M
G03574	MP M	G03598	RJ G	G03622	RS P	G03646	NE P	G03670	NE P	G03694	MR P	G03718	NE P
G03575	AM N	G03599	RJ G	G03623	NE P	G03647	NE P	G03671	NE P	G03695	NE P	G03719	NE P
G03576	CR M	G03600	RS G	G03624	CF P	G03648	AM M	G03672	NE P	G03696	NE P	G03720	NE M
G03577	RS M	G03601	RJ G	G03625	CR G	G03649	AM G	G03673	RJ G	G03697	RJ P	G03721	RJ G
G03578	AM M	G03602	RS G	G03626	RS G	G03650	CR M	G03674	NE P	G03698	MR P	G03722	MR G
G03579	NE M	G03603	CR G	G03627	NE P	G03651	CR M	G03675	NE P	G03699	NE P	G03723	RJ P
G03580	AM P	G03604	MR G	G03628	BL G	G03652	NE M	G03676	NE P	G03700	NE P	G03724	NE P
G03581	CR G	G03605	CR G	G03629	NE P	G03653	NE P	G03677	MR M	G03701	RJ M	G03725	NE P
G03582	RS M	G03606	NE P	G03630	NE P	G03654	NE M	G03678	RJ P	G03702	NE P	G03726	NE P
G03583	RS P	G03607	NE P	G03631	NE M	G03655	NE P	G03679	NE P	G03703	RJ P	G03727	NE P
G03584	AM M	G03608	AM M	G03632	CR P	G03656	AM P	G03680	NE M	G03704	NE P	G03728	NE P
G03585	CR M	G03609	CR G	G03633	NE P	G03657	NE P	G03681	NE P	G03705	NE P	G03729	NE M
G03586	NE P	G03610	AM G	G03634	RJ P	G03658	NE P	G03682	NE M	G03706	RJ P	G03730	NE P
G03587	NE P	G03611	BL P	G03635	NE P	G03659	NE P	G03683	RJ M	G03707	RJ P	G03731	NE P
G03588	CR P	G03612	NE M	G03636	RJ P	G03660	NE P	G03684	MR M	G03708	RJ M	G03732	NE P
G03589	AM G	G03613	CR G	G03637	CF M	G03661	AM P	G03685	RJ M	G03709	NE P	G03733	NE P
G03590	RS G	G03614	AM G	G03638	NE P	G03662	NE P	G03686	RJ P	G03710	RS G	G03734	NE P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G03735	RJ	P	G03759	NE	P	G03783	NE	P	G03807	CR	M	G03831	NE	P	G03855	NE	P
G03736	NE	P	G03760	MR	G	G03784	NE	P	G03808	CR	P	G03832	NE	P	G03856	NE	P
G03737	NE	M	G03761	NE	P	G03785	NE	P	G03809	NE	P	G03833	NE	P	G03857	NE	P
G03738	NE	P	G03762	NE	P	G03786	NE	P	G03810	CF	P	G03834	NE	P	G03858	NE	P
G03739	NE	M	G03763	NE	M	G03787	NE	P	G03811	AM	M	G03835	NE	P	G03859	NE	P
G03740	NE	G	G03764	NE	M	G03788	NE	P	G03812	NE	M	G03836	NE	P	G03860	NE	P
G03741	NE	M	G03765	NE	P	G03789	NE	P	G03813	AM	M	G03837	NE	P	G03861	NE	P
G03742	NE	G	G03766	NE	P	G03790	NE	P	G03814	NE	M	G03838	AM	M	G03862	NE	P
G03743	NE	G	G03767	NE	M	G03791	NE	P	G03815	CR	G	G03839	CP	M	G03863	NE	P
G03744	NE	G	G03768	NE	P	G03792	NE	P	G03816	MR	G	G03840	AM	M	G03864	NE	P
G03745	NE	G	G03769	NE	G	G03793	NE	P	G03817	CR	M	G03841	CP	M	G03865	NE	P
G03746	NE	G	G03770	NE	M	G03794	NE	P	G03818	AM	M	G03842	NE	P	G03866	NE	P
G03747	NE	G	G03771	NE	M	G03795	NE	P	G03819	BL	P	G03843	CF	M	G03867	NE	P
G03748	NE	M	G03772	NE	G	G03796	NE	P	G03820	CR	M	G03844	BL	M	G03868	NE	P
G03749	NE	P	G03773	NE	M	G03797	NE	P	G03821	CR	M	G03845	NE	P	G03869	NE	P
G03750	NE	P	G03774	NE	M	G03798	NE	P	G03822	NE	P	G03846	NE	P	G03870	NE	P
G03751	NE	M	G03775	NE	P	G03799	NE	P	G03823	NE	P	G03847	NE	P	G03871	NE	P
G03752	NE	M	G03776	NE	P	G03800	NE	P	G03824	NE	P	G03848	NE	P	G03872	NE	P
G03753	NE	M	G03777	NE	P	G03801	NE	P	G03825	NE	M	G03849	NE	M	G03873	NE	P
G03754	NE	G	G03778	NE	P	G03802	NE	P	G03826	NE	P	G03850	NE	P	G03874	NE	P
G03755	NE	M	G03779	NE	P	G03803	MR	G	G03827	NE	P	G03851	NE	M	G03875	NE	P
G03756	NE	M	G03780	NE	P	G03804	CR	M	G03828	NE	P	G03852	NE	P	G03876	NE	P
G03757	NE	P	G03781	NE	P	G03805	CR	P	G03829	NE	P	G03853	NE	P	G03877	NE	P
G03758	NE	P	G03782	NE	P	G03806	CF	P	G03830	NE	P	G03854	NE	P	G03878	NE	P

N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM
G03903	RS P	G03927	BL P	G03951	BL P	G03975	CR P	G04000	CF P	G04025	CF P	G04051	RJ P
G03904	RJ M	G03928	BL M	G03952	BL P	G03976	RS M	G04001	MR G	G04026	AM P	G04052	MR M
G03905	RJ P	G03929	BL M	G03953	BL P	G03977	CF P	G04002	RS P	G04027	CF P	G04053	RJ P
G03906	RJ P	G03930	BL P	G03954	BL P	G03978	RS P	G04003	RS P	G04028	RS P	G04054	MR P
G03907	RJ M	G03931	BL P	G03955	BL P	G03979	CR P	G04004	RJ G	G04030	CF P	G04055	RS P
G03908	RJ P	G03932	BL P	G03956	BL P	G03980	AM P	G04005	CR P	G04031	CR P	G04056	RJ P
G03909	NE P	G03933	BL P	G03957	BL M	G03981	CF P	G04006	RJ P	G04032	CR P	G04057	RJ P
G03910	RJ P	G03934	BL P	G03958	RS P	G03982	AM M	G04007	CR G	G04034	CF P	G04058	CR P
G03911	RJ P	G03935	BL P	G03959	CR P	G03983	AM M	G04008	CR P	G04035	CR P	G04059	RJ P
G03912	RJ M	G03936	BL P	G03960	AM P	G03985	RS M	G04009	CR P	G04036	CR M	G04060	RJ P
G03913	RJ M	G03937	BL P	G03961	CR P	G03986	CR M	G04010	CR M	G04037	BL P	G04061	RJ P
G03914	RJ M	G03938	BL P	G03962	CR P	G03987	CF P	G04011	RJ M	G04038	AM M	G04062	RJ P
G03915	RJ P	G03939	BL P	G03963	RJ G	G03988	RS P	G04012	AM P	G04039	AM M	G04063	RJ P
G03916	MR P	G03940	BL M	G03964	RS M	G03989	CF P	G04013	RJ P	G04040	CR P	G04064	MR P
G03917	MR P	G03941	BL P	G03965	CF M	G03990	CF P	G04014	CF M	G04041	CF P	G04065	RJ P
G03918	RJ V	G03942	BL P	G03966	AM G	G03991	CR P	G04016	MR M	G04042	AM G	G04066	RJ P
G03919	RJ M	G03943	BL P	G03967	CF M	G03992	BL M	G04017	CR M	G04043	AM G	G04067	RS P
G03920	MR M	G03944	BL M	G03968	CF P	G03993	AM P	G04018	CR M	G04044	CF P	G04068	RJ P
G03921	RJ M	G03945	BL M	G03969	CF P	G03994	CR P	G04019	RJ P	G04045	CR P	G04069	RJ G
G03922	RJ P	G03946	BL M	G03970	CF P	G03995	CF P	G04020	RJ M	G04046	AM P	G04070	NE P
G03923	RJ M	G03947	BL P	G03971	AM P	G03996	CF P	G04021	RJ G	G04047	AM G	G04071	RJ P
G03924	RJ M	G03948	BL P	G03972	CR M	G03997	CF P	G04022	CF P	G04048	CR P	G04072	RS P
G03925	MR M	G03949	BL P	G03973	CF P	G03998	CF P	G04023	CR P	G04049	CF P	G04073	RJ P
G03926	RS G	G03950	BL P	G03974	CR M	G03999	CR P	G04024	CR P	G04050	RS G	G04074	RJ P

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
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G04075	RJ P	G04100	NE P	G04124	NE P	G04149	NE P	G04173	NE P	G04197	NE P	G04221	NE P
G04076	RS G	G04101	NE P	G04125	NE P	G04150	NE P	G04174	NE P	G04198	NE P	G04222	NE P
G04077	RJ P	G04102	NE P	G04126	NE P	G04151	NE P	G04175	NE P	G04199	NE P	G04223	NE P
G04078	RJ M	G04103	NE P	G04128	NE P	G04152	NE P	G04176	NE P	G04200	NE P	G04224	NE P
G04079	RS G	G04104	NE P	G04129	NE P	G04153	NE P	G04177	NE P	G04201	NE P	G04225	NE M
G04080	RJ G	G04105	NE P	G04130	NE P	G04154	NE P	G04178	NE P	G04202	NE P	G04226	NE P
G04081	RJ G	G04106	NE P	G04131	NE P	G04155	NE P	G04179	NE P	G04203	NE P	G04227	NE P
G04082	RJ P	G04107	NE P	G04132	NE P	G04156	NE P	G04180	NE P	G04204	NE P	G04228	NE P
G04083	NE P	G04108	NE P	G04133	NE P	G04157	NE P	G04181	NE P	G04205	NE P	G04229	NE P
G04084	RJ P	G04109	NE P	G04134	NE P	G04158	NE P	G04182	NE P	G04206	NE P	G04230	NE P
G04085	RJ P	G04110	NE P	G04135	NE P	G04159	NE P	G04183	NE P	G04207	NE P	G04231	NE P
G04086	RJ P	G04111	NE P	G04136	NE P	G04160	NE P	G04184	NE M	G04208	NE P	G04232	NE P
G04087	RS M	G04112	NE P	G04137	NE P	G04161	NE P	G04185	NE P	G04209	NE P	G04233	NE P
G04088	RJ P	G04113	NE P	G04138	NE P	G04162	NE P	G04186	NE P	G04210	NE P	G04234	NE P
G04089	RJ P	G04114	NE P	G04139	NE M	G04163	NE P	G04187	NE M	G04211	NE P	G04235	NE P
G04090	RJ P	G04115	NE P	G04140	NE P	G04164	NE P	G04188	NE P	G04212	NE P	G04236	NE P
G04092	NE P	G04116	NE P	G04141	NE P	G04165	NE P	G04189	NE M	G04213	NE P	G04237	NE P
G04093	NE P	G04117	NE P	G04142	NE P	G04166	NE P	G04190	NE P	G04214	NE P	G04238	NE P
G04094	NE P	G04118	NE P	G04143	NE P	G04167	NE P	G04191	NE P	G04215	NE P	G04239	NE P
G04095	NE P	G04119	NE M	G04144	NE P	G04168	NE P	G04192	NE P	G04216	NE P	G04240	NE P
G04096	NE P	G04120	NE P	G04145	NE P	G04169	NE P	G04193	NE P	G04217	NE P	G04241	NE P
G04097	NE P	G04121	NE P	G04146	NE P	G04170	NE P	G04194	NE P	G04218	NE P	G04242	NE P
G04098	NE P	G04122	NE P	G04147	NE P	G04171	NE P	G04195	NE P	G04219	NE P	G04243	NE P
G04099	NE P	G04123	NE P	G04148	NE P	G04172	NE P	G04196	NE P	G04220	NE P	G04244	NE P

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
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G04245	NE P	G04270	BL P	G04295	NE P	G04322	AM G	G04347	CR P	G04371	NE P	G04395	CR M
G04246	NE P	G04271	RJ P	G04296	BL P	G04323	CR M	G04348	AM G	G04372	NE P	G04396	CR G
G04247	NE P	G04272	CR M	G04297	RJ P	G04324	CR M	G04349	CR G	G04373	NE P	G04397	AM M
G04248	NE P	G04273	NE P	G04298	RJ P	G04325	AM G	G04350	AM M	G04374	NE P	G04398	CR M
G04249	NE P	G04274	NE P	G04299	NE P	G04326	AM P	G04351	AM M	G04375	MR M	G04399	CR P
G04250	NE P	G04275	AM G	G04300	NE P	G04327	AM G	G04352	NE M	G04376	AM P	G04400	CR P
G04251	NE P	G04276	CF M	G04302	AM M	G04328	CR M	G04353	AM M	G04377	NE P	G04402	BL P
G04252	NE P	G04277	CR G	G04303	CR M	G04329	AM G	G04354	NE M	G04378	NE P	G04403	NE M
G04253	NE P	G04278	DT P	G04304	NE P	G04330	CR M	G04355	AM P	G04379	NE P	G04404	NE M
G04254	NE P	G04279	AM G	G04306	AM M	G04331	BL P	G04356	AM M	G04380	NE P	G04405	NE P
G04255	NE P	G04280	NE P	G04307	CR M	G04333	CR M	G04357	CR M	G04381	CR P	G04406	NE P
G04256	NE P	G04281	CR P	G04308	NE P	G04334	CR M	G04358	CR P	G04382	NE P	G04407	NE M
G04257	NE P	G04282	RJ P	G04309	NE P	G04335	CR P	G04359	CR G	G04383	NE P	G04408	NE P
G04258	RJ M	G04283	RJ G	G04310	NE M	G04336	AM P	G04360	CR G	G04384	NE P	G04409	MR P
G04259	BL P	G04285	AM P	G04311	CR M	G04337	CR P	G04361	AM G	G04385	NE P	G04410	NE P
G04260	RJ P	G04286	NE P	G04312	NE M	G04338	CR G	G04362	CR G	G04386	NE P	G04411	RJ G
G04261	NE M	G04287	NE P	G04314	CR G	G04339	AM P	G04363	CR G	G04387	NE P	G04412	CF G
G04262	NE M	G04288	RS M	G04315	CR G	G04340	CR P	G04364	RS M	G04388	AM M	G04413	RJ P
G04263	NE P	G04289	NE P	G04316	AM M	G04341	CR P	G04365	AM M	G04389	AM M	G04414	RJ M
G04264	NE M	G04290	NE P	G04317	AM G	G04342	AM M	G04366	CF P	G04390	RS M	G04415	RJ M
G04265	RJ P	G04291	CR G	G04318	AM G	G04343	NE P	G04367	CR G	G04391	CR G	G04416	BL M
G04266	AM P	G04292	CR M	G04319	CR M	G04344	NE P	G04368	CR G	G04392	NE M	G04417	BL P
G04267	RS M	G04293	CF M	G04320	AM G	G04345	AM M	G04369	CR M	G04393	CR M	G04418	CR P
G04268	NE P	G04294	MR P	G04321	CR G	G04346	RS M	G04370	NE P	G04394	AM M	G04419	CR P



N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
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G04420	AM P	G04446	CF M	G04470	RJ G	G04494	RJ G	G04518	AM M	G04542	RJ G	G04566	RS G
G04422	RS P	G04447	BL M	G04471	BL G	G04495	NE P	G04519	CR M	G04543	RS G	G04567	CR M
G04423	CR P	G04448	RJ M	G04472	DT G	G04496	BL P	G04520	RS G	G04544	BL M	G04568	RS G
G04425	CR P	G04449	CR M	G04473	CR G	G04497	NE P	G04521	RJ G	G04545	RJ P	G04569	CR G
G04426	AM G	G04450	RJ G	G04474	BL G	G04498	BL P	G04522	RJ M	G04546	BL M	G04570	RJ G
G04427	CF P	G04451	BL M	G04475	CR P	G04499	BL G	G04523	RJ M	G04547	AM G	G04571	CR G
G04428	AM P	G04452	RJ G	G04476	CR M	G04500	CF M	G04524	NE P	G04548	RJ G	G04572	MR G
G04429	RJ P	G04453	RJ G	G04477	RJ P	G04501	BL P	G04525	NE P	G04549	RJ G	G04573	CR P
G04430	CR M	G04454	NE P	G04478	RJ M	G04502	BL G	G04526	RJ G	G04550	CF M	G04574	MR P
G04431	CR P	G04455	NE P	G04479	NE M	G04503	BL M	G04527	MR G	G04551	RJ G	G04575	CR M
G04432	CR P	G04456	NE P	G04480	RS G	G04504	BL P	G04528	RJ M	G04552	MR P	G04576	CR M
G04433	CR P	G04457	RJ G	G04481	NE P	G04505	CF M	G04529	CR G	G04553	MR P	G04578	BL P
G04434	NE P	G04458	RS M	G04482	RJ M	G04506	CR G	G04530	CR G	G04554	RJ G	G04579	CR M
G04435	RJ G	G04459	BL P	G04483	NE P	G04507	RS G	G04531	RJ G	G04555	CR M	G04580	CR G
G04436	AM P	G04460	MR M	G04484	NE P	G04508	CR M	G04532	MR G	G04556	RJ P	G04581	BL P
G04437	RJ P	G04461	NE P	G04485	NE P	G04509	AM M	G04533	CR G	G04557	MR P	G04582	MR G
G04438	RJ P	G04462	RJ P	G04486	NE P	G04510	CR M	G04534	RJ G	G04558	RJ P	G04583	RJ G
G04439	CF P	G04463	NE P	G04487	NE P	G04511	AM M	G04535	NE M	G04559	CR P	G04584	RJ G
G04440	NE P	G04464	NE P	G04488	NE P	G04512	AM M	G04536	NE P	G04560	CR P	G04585	AM P
G04441	NE P	G04465	NE P	G04489	NE P	G04513	CR M	G04537	BL P	G04561	CR P	G04586	CR P
G04442	NE P	G04466	AM M	G04490	RJ M	G04514	RJ G	G04538	RS G	G04562	AM M	G04587	CR P
G04443	NE M	G04467	MR G	G04491	NE P	G04515	AM M	G04539	CF G	G04563	CF P	G04588	CR P
G04444	BL M	G04468	CF P	G04492	NE P	G04516	RS G	G04540	MR M	G04564	BL G	G04589	NE P
G04445	BL P	G04469	NE P	G04493	BL P	G04517	CR M	G04541	CR G	G04565	RJ P	G04590	NE M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G04591	CR	P	G04615	NE	P	G04639	BL	M	G04663	RS	P	G04689	RJ	P	G04713	BL	P
G04592	NE	P	G04616	RJ	M	G04640	RJ	G	G04664	CR	M	G04690	CR	G	G04714	NE	P
G04593	CR	P	G04617	MR	M	G04641	CR	G	G04665	RJ	P	G04691	CR	P	G04715	NE	G
G04594	CR	P	G04618	RJ	M	G04642	NE	M	G04666	CR	P	G04692	CR	G	G04716	CR	G
G04595	CF	M	G04619	MR	G	G04643	CF	P	G04667	BL	P	G04693	RS	P	G04717	RJ	G
G04596	CR	P	G04620	RJ	G	G04644	RJ	G	G04668	CR	P	G04694	CR	P	G04718	MR	P
G04597	CR	P	G04621	CR	P	G04645	RJ	G	G04669	RS	G	G04695	CR	P	G04719	RJ	G
G04598	CF	P	G04622	CR	P	G04646	RJ	M	G04670	CF	P	G04696	RJ	M	G04720	RS	P
G04599	NE	M	G04623	MR	G	G04647	AM	G	G04671	CR	G	G04697	BL	P	G04721	CR	G
G04600	AM	P	G04624	CR	G	G04648	MR	P	G04672	AM	P	G04698	RJ	P	G04722	AM	M
G04601	RS	P	G04625	BL	P	G04649	NE	P	G04673	CR	G	G04699	RJ	P	G04723	CR	G
G04602	NE	P	G04626	CF	P	G04650	CF	P	G04674	RJ	P	G04700	RS	P	G04724	RJ	G
G04603	RJ	M	G04627	MR	G	G04651	RJ	M	G04675	CF	P	G04701	RJ	P	G04725	RJ	G
G04604	RJ	P	G04628	CR	M	G04652	CR	G	G04676	RS	P	G04702	CR	P	G04726	CR	M
G04605	RJ	P	G04629	BL	P	G04653	AM	G	G04677	RS	M	G04703	AM	M	G04727	CR	M
G04606	RJ	P	G04630	CR	G	G04654	CR	M	G04678	CR	P	G04704	RJ	G	G04729	RJ	G
G04607	RJ	P	G04631	CR	M	G04655	RJ	P	G04679	MR	M	G04705	NE	P	G04730	BL	P
G04608	RJ	P	G04632	CF	M	G04656	RJ	P	G04680	CR	P	G04706	AM	M	G04731	CR	P
G04609	CF	M	G04633	NE	P	G04657	CF	P	G04681	CR	G	G04707	BL	P	G04732	RJ	M
G04610	RS	P	G04634	AM	P	G04658	RJ	P	G04682	RS	P	G04708	NE	P	G04733	RS	P
G04611	RJ	G	G04635	CF	M	G04659	RJ	M	G04684	AM	P	G04709	MR	G	G04734	BL	P
G04612	CR	G	G04636	CF	P	G04660	CR	G	G04685	CF	P	G04710	CR	G	G04735	CR	M
G04613	AM	G	G04637	OT	P	G04661	RJ	P	G04687	BL	P	G04711	CR	G	G04736	BL	P
G04614	NE	P	G04638	CF	P	G04662	RJ	P	G04688	RS	P	G04712	RS	G	G04737	BL	P

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
G04764	AM P	G04788	NE P	G04813	RS G	G04840	MR P	G04864	MR P	G04888	CR G	G04912	RJ P
G04765	NE M	G04789	NE P	G04814	RS G	G04841	CR M	G04865	MR M	G04889	MR G	G04913	RJ M
G04766	CF G	G04790	NE P	G04815	RS G	G04842	BL P	G04866	RJ P	G04890	CF M	G04914	RJ P
G04767	AM P	G04791	MR P	G04816	CR P	G04843	CR P	G04867	RJ P	G04891	RJ P	G04915	RJ P
G04768	AM M	G04792	NE P	G04817	CR M	G04844	AM M	G04868	RJ P	G04892	RJ P	G04916	RJ M
G04769	BL P	G04794	RS G	G04818	NE P	G04845	MR G	G04869	RJ P	G04893	RJ P	G04917	MR M
G04770	NE P	G04795	NE P	G04819	CR P	G04846	MR M	G04870	RJ P	G04894	RJ P	G04918	RJ P
G04771	CF P	G04796	NE P	G04820	CF P	G04847	AM M	G04871	RJ P	G04895	MR P	G04919	RJ P
G04772	AM P	G04797	RS G	G04821	NE P	G04848	BL P	G04872	RJ P	G04896	MR M	G04920	RJ M
G04773	NE P	G04798	RS G	G04822	CR P	G04849	RJ G	G04873	RJ P	G04897	RJ M	G04921	RS P
G04774	NE P	G04799	RS G	G04823	CR P	G04850	CR G	G04874	RJ P	G04898	RJ M	G04922	RJ P
G04775	NE P	G04800	RS G	G04824	RS P	G04851	MR P	G04875	RJ P	G04899	RJ P	G04923	RJ M
G04776	NE P	G04801	RS G	G04825	CR P	G04852	RJ P	G04876	RJ P	G04900	RJ P	G04924	RJ P
G04777	RJ G	G04802	RS G	G04826	CR M	G04853	RJ P	G04877	RJ P	G04901	RJ P	G04925	MR M
G04778	RJ M	G04803	RS G	G04827	NE P	G04854	CF P	G04878	RJ P	G04902	RJ M	G04926	RJ P
G04779	NE P	G04804	RS G	G04828	CR P	G04855	MR P	G04879	RJ P	G04903	RJ M	G04927	RJ P
G04780	RJ G	G04805	RS G	G04829	CF P	G04856	CR P	G04880	RJ P	G04904	RJ M	G04928	RJ P
G04781	RJ G	G04806	RS G	G04830	NE P	G04857	RJ P	G04881	RJ P	G04905	RJ G	G04929	RJ P
G04782	MR P	G04807	RS M	G04831	RJ M	G04858	MR P	G04882	MR P	G04906	RJ G	G04930	RJ M
G04783	RJ P	G04808	RS G	G04832	NE P	G04859	RJ P	G04883	RJ P	G04907	RJ P	G04931	RJ P
G04784	NE P	G04809	RS G	G04836	NE P	G04860	RJ P	G04884	MR P	G04908	RJ P	G04932	RJ P
G04785	NE P	G04810	RS G	G04837	RJ P	G04861	RJ P	G04885	RJ M	G04909	RJ M	G04933	RJ M
G04786	NE P	G04811	RS G	G04838	CR M	G04862	RJ P	G04886	AM P	G04910	RJ P	G04934	RJ P
G04787	NE P	G04812	RS G	G04839	AM M	G04863	RJ P	G04887	CR M	G04911	RJ P	G04935	RJ P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G04936	RJ	P	G04960	CF	M	G04985	NE	P	G05009	NE	P	G05033	RS	G	G05058	CR	P
G04937	RJ	P	G04961	RS	G	G04986	NE	P	G05010	NE	P	G05034	OT	G	G05059	CR	P
G04938	RJ	P	G04962	RS	G	G04987	NE	P	G05011	NE	P	G05035	CR	P	G05060	CR	P
G04939	RJ	P	G04963	CF	P	G04988	NE	P	G05012	NE	P	G05036	CR	P	G05061	CF	P
G04940	NE	M	G04964	CF	P	G04989	NE	P	G05013	NE	M	G05037	AM	M	G05062	CF	P
G04941	RS	P	G04965	CR	M	G04990	NE	P	G05014	NE	P	G05038	RJ	G	G05063	AM	M
G04942	RJ	M	G04966	CF	P	G04991	NE	P	G05015	NE	P	G05039	CF	P	G05064	CR	P
G04943	NE	P	G04967	CF	P	G04992	NE	P	G05016	NE	P	G05040	NE	P	G05065	BL	P
G04944	RJ	M	G04968	CF	P	G04993	NE	P	G05017	NE	G	G05041	RJ	P	G05066	RS	G
G04945	RJ	M	G04969	CR	M	G04994	NE	P	G05018	NE	M	G05042	CR	P	G05067	CF	M
G04946	NE	P	G04970	CR	G	G04995	NE	P	G05019	CR	G	G05043	CR	P	G05068	NE	P
G04947	NE	P	G04971	CR	M	G04996	NE	P	G05020	CR	G	G05044	CR	M	G05069	NE	P
G04948	NE	P	G04972	CR	P	G04997	NE	P	G05021	CF	P	G05045	CR	P	G05070	NE	P
G04949	RJ	P	G04973	CR	P	G04998	NE	P	G05022	CF	P	G05046	CR	M	G05071	NE	P
G04950	NE	P	G04974	CR	P	G04999	NE	P	G05023	NE	P	G05047	BL	P	G05072	NE	P
G04951	MR	P	G04975	CR	P	G05000	NE	P	G05024	CF	M	G05048	RJ	M	G05073	CR	P
G04952	NE	P	G04976	CR	P	G05001	NE	M	G05025	NE	G	G05049	BL	P	G05074	NE	M
G04953	NE	P	G04977	NE	P	G05002	NE	M	G05026	CR	P	G05050	BL	M	G05075	NE	P
G04954	NE	P	G04978	BL	P	G05003	NE	M	G05027	CR	P	G05051	BL	M	G05076	NE	P
G04955	NE	P	G04980	NE	P	G05004	NE	P	G05028	CF	P	G05052	CR	P	G05077	NE	P
G04956	RJ	G	G04981	CF	P	G05005	NE	P	G05029	CR	G	G05053	CR	P	G05078	NE	P
G04957	NE	P	G04982	RS	P	G05006	NE	P	G05030	CF	P	G05055	NE	P	G05079	NE	P
G04958	NE	P	G04983	CF	P	G05007	NE	P	G05031	NE	P	G05056	CR	M	G05080	NE	P
G04959	NE	P	G04984	NE	P	G05008	NE	P	G05032	BL	P	G05057	CR	M	G05081	NE	P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G05106	CR	M	G05130	CR	G	G05154	NE	P	G05179	CF	M	G05203	NE	P	G05227	NE	P
G05107	CR	P	G05131	CR	G	G05156	CF	M	G05180	NE	P	G05204	NE	P	G05228	NE	P
G05108	CR	P	G05132	RS	G	G05157	RS	P	G05181	CF	P	G05205	NE	P	G05229	NE	P
G05109	AM	M	G05133	AM	P	G05158	CR	P	G05182	NE	P	G05206	NE	P	G05230	NE	P
G05110	CR	P	G05134	AM	M	G05159	CF	P	G05183	NE	P	G05207	NE	P	G05231	NE	P
G05111	CF	M	G05135	AM	M	G05160	AM	M	G05184	NE	M	G05208	NE	P	G05232	MR	P
G05112	CF	M	G05136	AM	M	G05161	CR	P	G05185	NE	P	G05209	NE	P	G05233	MR	P
G05113	CF	P	G05137	BL	G	G05162	CR	M	G05186	NE	P	G05210	NE	P	G05234	CF	P
G05114	CF	M	G05138	AM	M	G05163	NE	P	G05187	NE	P	G05211	NE	P	G05235	MR	P
G05115	CF	M	G05139	RS	M	G05164	RS	G	G05188	NE	P	G05212	NE	P	G05236	RS	P
G05116	CR	P	G05140	RS	P	G05165	NE	P	G05189	NE	P	G05213	NE	P	G05237	BL	P
G05117	CF	M	G05141	NE	P	G05166	CR	G	G05190	NE	P	G05214	NE	P	G05238	NE	P
G05118	MR	G	G05142	CR	G	G05167	CR	M	G05191	NE	P	G05215	NE	P	G05239	NE	P
G05119	MR	G	G05143	AM	P	G05168	NE	G	G05192	NE	P	G05216	NE	M	G05240	NE	P
G05120	MR	G	G05144	NE	P	G05169	RS	G	G05193	NE	P	G05217	NE	P	G05241	NE	P
G05121	MR	G	G05145	NE	P	G05170	RS	G	G05194	NE	P	G05218	NE	P	G05242	RJ	G
G05122	CR	P	G05146	CR	M	G05171	NE	P	G05195	NE	P	G05219	NE	P	G05243	CR	G
G05123	CR	M	G05147	RS	G	G05172	CR	P	G05196	NE	P	G05220	NE	P	G05244	CF	P
G05124	CR	G	G05148	RJ	P	G05173	NE	P	G05197	RJ	P	G05221	NE	P	G05245	NE	P
G05125	CR	G	G05149	NE	P	G05174	CR	G	G05198	NE	M	G05222	NE	P	G05246	NE	P
G05126	NE	M	G05150	CR	P	G05175	NE	P	G05199	NE	P	G05223	NE	P	G05247	CR	M
G05127	CR	G	G05151	CR	G	G05176	CR	P	G05200	NE	P	G05224	NE	P	G05248	NE	P
G05128	CR	G	G05152	NE	G	G05177	OT	M	G05201	NE	P	G05225	NE	P	G05249	CF	M
G05129	CR	G	G05153	RJ	P	G05178	RS	G	G05202	NE	P	G05226	NE	P	G05250	NE	P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G05275	QT	M	G05300	MR	M	G05326	AM	M	G05350	NE	P	G05375	CR	M	G05399	NE	P
G05276	CF	P	G05301	RJ	P	G05327	AM	M	G05351	NE	P	G05376	MR	M	G05400	NE	P
G05277	NE	P	G05302	RJ	P	G05328	MR	M	G05352	CF	P	G05377	CR	M	G05401	NE	P
G05278	MR	P	G05303	NE	P	G05329	RJ	P	G05354	MR	M	G05378	MR	M	G05402	NE	P
G05279	MR	P	G05304	NE	P	G05330	RJ	P	G05355	AM	G	G05379	BL	G	G05403	NE	P
G05280	NE	P	G05305	CR	P	G05331	RJ	P	G05356	BL	G	G05380	CF	M	G05404	NE	P
G05281	BL	P	G05306	NE	P	G05332	AM	P	G05357	CR	P	G05381	MR	M	G05405	NE	P
G05282	RJ	P	G05307	CF	M	G05333	CR	P	G05358	NE	M	G05382	NE	P	G05406	NE	P
G05283	CR	P	G05308	NE	G	G05334	CR	P	G05359	RJ	M	G05383	RJ	P	G05407	NE	P
G05284	RJ	P	G05309	AM	M	G05335	CR	P	G05360	NE	P	G05384	NE	P	G05408	NE	P
G05285	MR	M	G05311	NE	G	G05336	NE	P	G05361	CR	G	G05385	NE	P	G05409	NE	P
G05286	NE	P	G05312	AM	M	G05337	NE	P	G05362	RS	P	G05386	NE	P	G05410	NE	P
G05287	NE	P	G05313	MR	P	G05338	CF	P	G05363	CR	M	G05387	NE	P	G05411	NE	P
G05288	NE	P	G05315	NE	P	G05339	RS	M	G05364	CF	P	G05388	NE	P	G05412	NE	P
G05289	NE	P	G05316	AM	M	G05340	BL	P	G05365	NE	P	G05389	NE	P	G05413	NE	P
G05291	NE	M	G05317	CF	P	G05341	AM	M	G05366	NE	P	G05390	NE	P	G05414	NE	P
G05292	CF	M	G05318	AM	M	G05342	BL	M	G05367	RJ	P	G05391	NE	P	G05415	NE	P
G05293	RJ	P	G05319	MR	G	G05343	RS	G	G05368	NE	P	G05392	NE	P	G05416	NE	P
G05294	RS	P	G05320	NE	P	G05344	AM	M	G05369	RJ	P	G05393	NE	P	G05417	NE	P
G05295	CR	P	G05321	NE	P	G05345	NE	P	G05370	AM	M	G05394	NE	P	G05418	NE	P
G05296	RJ	P	G05322	NE	P	G05346	CR	M	G05371	NE	M	G05395	NE	P	G05419	NE	P
G05297	RS	M	G05323	AM	M	G05347	NE	P	G05372	BL	M	G05396	NE	P	G05420	NE	P
G05298	RJ	P	G05324	NE	P	G05348	NE	P	G05373	RJ	G	G05397	NE	P	G05421	NE	P
G05299	AM	P	G05325	NE	P	G05349	NE	P	G05374	CF	M	G05398	NE	P	G05422	NE	P

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
G05447	NE P	G05471	BL P	G05496	CF M	G05520	AM M	G05544	CR M	G05568	BL P	G05592	BL P
G05448	MR P	G05472	BL P	G05497	CP M	G05521	BL M	G05545	BL M	G05569	BL M	G05593	BL P
G05449	RJ P	G05473	BL P	G05498	BL P	G05522	CF M	G05546	MR M	G05570	BL P	G05594	BL P
G05450	NE P	G05474	NE P	G05499	CF P	G05523	BL G	G05547	BL M	G05571	BL P	G05595	BL M
G05451	RJ P	G05476	BL P	G05500	BL G	G05524	BL P	G05548	BL M	G05572	BL M	G05596	BL P
G05452	RJ P	G05477	BL M	G05501	BL M	G05525	BL G	G05549	BL M	G05573	BL M	G05597	BL P
G05453	NE P	G05478	BL M	G05502	BL M	G05526	CF M	G05550	RJ P	G05574	BL M	G05598	RJ M
G05454	NE M	G05479	NE P	G05503	BL P	G05527	MR M	G05551	BL P	G05575	BL P	G05599	RJ M
G05455	AM M	G05480	RJ G	G05504	CR M	G05528	RS M	G05552	RJ M	G05576	RJ M	G05600	BL M
G05456	RJ M	G05481	CR M	G05505	BL M	G05529	BL M	G05553	MR P	G05577	RJ P	G05601	RJ M
G05457	RS M	G05482	BL M	G05506	BL M	G05530	BL P	G05554	BL M	G05578	MR P	G05602	RJ P
G05458	RJ M	G05483	BL M	G05507	RJ M	G05531	NE P	G05555	BL M	G05579	RJ M	G05603	RJ M
G05459	BL P	G05484	BL M	G05508	CR G	G05532	BL P	G05556	BL M	G05580	MR M	G05604	RJ M
G05460	NE P	G05485	CR M	G05509	BL M	G05533	CH P	G05557	BL M	G05581	MR M	G05605	MR P
G05461	BL P	G05486	MR M	G05510	BL P	G05534	RJ M	G05558	MR M	G05582	RS M	G05606	RJ P
G05462	NE P	G05487	BL M	G05511	MR P	G05535	BL P	G05559	RS M	G05583	MR M	G05607	RJ P
G05463	BL M	G05488	BL M	G05512	BL P	G05536	BL M	G05560	MR M	G05584	MR M	G05608	RJ P
G05464	BL P	G05489	BL P	G05513	CF M	G05537	BL M	G05561	CF P	G05585	MR M	G05609	RJ P
G05465	BL M	G05490	BL M	G05514	CF P	G05538	BL M	G05562	RS M	G05586	RJ M	G05610	RJ P
G05466	NE M	G05491	BL P	G05515	NE P	G05539	BL M	G05563	BL M	G05587	RJ P	G05611	RJ M
G05467	BL P	G05492	BL P	G05516	NE P	G05540	BL M	G05564	BL P	G05588	RJ M	G05612	RJ P
G05468	NE P	G05493	BL P	G05517	NE P	G05541	BL M	G05565	BL M	G05589	RJ P	G05613	RJ P
G05469	BL P	G05494	BL P	G05518	BL P	G05542	BL M	G05566	BL M	G05590	BL P	G05614	RJ P
G05470	NE P	G05495	BL P	G05519	AM P	G05543	BL M	G05567	BL P	G05591	BL M	G05615	RJ M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G05616	RJ	P	G05640	RS	P	G05666	NE	M	G05691	CF	M	G05715	RJ	M	G05742	RS	M
G05617	RJ	P	G05641	CR	P	G05667	NE	M	G05692	NE	P	G05716	NE	P	G05743	NE	P
G05618	RJ	M	G05642	CR	M	G05668	AM	P	G05693	BL	P	G05717	RS	G	G05744	CR	M
G05619	RJ	P	G05643	RS	P	G05669	NE	M	G05694	NE	P	G05719	BL	P	G05745	CF	M
G05620	MR	M	G05644	CF	P	G05670	AM	M	G05695	BL	P	G05721	BL	P	G05746	CF	P
G05621	RJ	G	G05645	BL	P	G05671	AM	M	G05696	RS	P	G05722	CR	M	G05747	CF	M
G05622	RJ	P	G05646	BL	P	G05672	CR	G	G05697	AM	P	G05723	BL	M	G05748	CR	P
G05623	RJ	P	G05647	BL	P	G05673	BL	P	G05698	NE	P	G05724	CR	M	G05749	NE	P
G05624	MR	G	G05648	BL	P	G05674	BL	P	G05699	CR	P	G05725	NE	P	G05750	BL	M
G05625	MR	G	G05649	BL	M	G05675	RJ	G	G05700	CF	G	G05726	NE	P	G05751	CF	M
G05626	RJ	P	G05650	BL	P	G05676	CR	G	G05701	RS	M	G05727	NE	P	G05752	AM	G
G05627	RJ	P	G05651	BL	P	G05677	BL	G	G05702	CR	G	G05728	NE	P	G05753	CF	G
G05628	MR	M	G05652	NE	P	G05678	BL	P	G05703	AM	G	G05729	NE	P	G05754	NE	P
G05629	RJ	P	G05653	RS	P	G05680	BL	G	G05704	AM	M	G05730	NE	M	G05755	BL	M
G05630	RJ	P	G05654	CF	P	G05681	RJ	G	G05705	NE	P	G05731	NE	M	G05756	CF	M
G05631	NE	P	G05657	NE	P	G05682	BL	P	G05706	NE	P	G05732	RS	M	G05757	CR	M
G05632	NE	P	G05658	AM	M	G05683	MR	G	G05707	AM	M	G05733	RS	M	G05758	NE	P
G05633	NE	P	G05659	AM	M	G05684	CR	M	G05708	MR	G	G05734	BL	P	G05759	CF	M
G05634	NE	P	G05660	NE	P	G05685	NE	P	G05709	MR	P	G05736	NE	P	G05760	CF	M
G05635	NE	P	G05661	CF	G	G05686	CF	G	G05710	BL	M	G05737	BL	P	G05761	NE	M
G05636	NE	P	G05662	AM	M	G05687	AM	G	G05711	NE	P	G05738	BL	P	G05762	CR	M
G05637	NE	M	G05663	CR	M	G05688	CF	P	G05712	NE	P	G05739	AM	G	G05763	CF	M
G05638	RS	P	G05664	DT	M	G05689	NE	P	G05713	AM	G	G05740	NE	P	G05764	BL	P
G05639	CR	M	G05665	AM	P	G05690	CR	G	G05714	BL	P	G05741	RJ	P	G05765	NE	P



N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G05790	AM	G	G05814	BL	M	G05838	BL	G	G05862	BL	P	G05886	BL	G	G05912	CR	M
G05791	CF	M	G05815	CR	G	G05839	DT	M	G05863	CR	M	G05889	CR	P	G05920	NE	P
G05792	DL	P	G05816	AM	M	G05840	MR	G	G05864	AM	M	G05890	CR	P	G05921	NE	P
G05793	BL	P	G05817	NE	P	G05841	BL	M	G05865	CR	G	G05891	RS	P	G05922	NE	P
G05794	RJ	M	G05818	AM	M	G05842	CR	G	G05866	AM	M	G05892	CR	M	G05923	NE	P
G05795	CF	M	G05819	AM	M	G05843	CR	M	G05867	RS	G	G05893	NE	M	G05924	NE	P
G05796	CR	G	G05820	BL	M	G05844	BL	M	G05868	CR	G	G05894	NE	M	G05925	NE	P
G05797	MR	P	G05821	BL	M	G05845	BL	M	G05869	BL	P	G05895	AM	M	G05926	NE	P
G05798	CP	G	G05822	BL	M	G05846	RJ	P	G05870	CR	M	G05896	AM	M	G05927	NE	P
G05799	CR	G	G05823	AM	G	G05847	CP	G	G05871	CR	P	G05897	CR	P	G05928	NE	M
G05800	CR	G	G05824	BL	P	G05848	BL	G	G05872	CR	M	G05898	BL	M	G05929	NE	P
G05801	CR	G	G05825	CR	G	G05849	DT	M	G05873	CR	M	G05899	CR	M	G05930	NE	P
G05802	CR	M	G05826	BL	M	G05850	NE	M	G05874	BL	P	G05900	CR	P	G05931	NE	M
G05803	CF	M	G05827	CR	M	G05851	BL	G	G05875	CR	M	G05901	AM	M	G05932	NE	P
G05804	AM	M	G05828	CR	G	G05852	CR	G	G05876	AM	M	G05902	NE	P	G05933	NE	M
G05805	CF	M	G05829	CR	M	G05853	BL	M	G05877	CR	M	G05903	MR	P	G05934	NE	P
G05806	BL	M	G05830	CR	G	G05854	BL	M	G05878	CR	G	G05904	MR	P	G05935	NE	P
G05807	CR	G	G05831	DT	G	G05855	MP	M	G05879	CR	M	G05905	MR	P	G05936	NE	P
G05808	CR	M	G05832	BL	G	G05856	CR	M	G05880	CR	P	G05906	MR	P	G05937	NE	P
G05809	BL	M	G05833	MR	P	G05857	BL	M	G05881	AM	G	G05907	MR	P	G05938	NE	P
G05810	MR	G	G05834	CR	M	G05858	CR	G	G05882	CR	G	G05908	NE	P	G05939	NE	P
G05811	NE	P	G05835	RJ	G	G05859	DT	G	G05883	DT	M	G05909	NE	P	G05940	NE	M
G05812	CR	M	G05836	BL	P	G05860	CR	M	G05884	BL	M	G05910	DT	M	G05941	NE	P
G05813	CR	M	G05837	MR	G	G05861	CR	M	G05885	CF	M	G05911	NE	P	G05942	NE	P

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
G05968	NE P	G05992	NE P	G06016	NE P	G06040	NE P	G06064	NE P	G06088	NE P	G06112	NE P
G05969	NE P	G05993	NE P	G06017	NE P	G06041	NE P	G06065	NE P	G06089	NE P	G06113	NE P
G05970	NE P	G05994	NE P	G06018	NE P	G06042	NE P	G06066	NE P	G06090	NE M	G06114	NE P
G05971	NE P	G05995	NE P	G06019	NE P	G06043	NE P	G06067	NE P	G06091	NE P	G06115	NE P
G05972	NE P	G05996	NE P	G06020	NE P	G06044	NE P	G06068	NE P	G06092	NE P	G06116	NE P
G05973	NE P	G05997	NE P	G06021	NE P	G06045	NE P	G06069	NE M	G06093	NE P	G06117	NE M
G05974	CR M	G05998	NE M	G06022	NE P	G06046	NE P	G06070	NE P	G06094	NE P	G06118	NE P
G05975	RJ G	G05999	NE P	G06023	NE P	G06047	NE P	G06071	NE P	G06095	NE P	G06119	NE P
G05976	NE P	G06000	NE P	G06024	NE P	G06048	NE P	G06072	NE P	G06096	BL P	G06120	NE M
G05977	NE M	G06001	NE P	G06025	NE P	G06049	NE P	G06073	NE P	G06097	NE P	G06121	NE P
G05978	NE P	G06002	NE P	G06026	NE P	G06050	NE P	G06074	NE P	G06098	NE P	G06122	NE P
G05979	NE P	G06003	BL P	G06027	NE P	G06051	NE P	G06075	NE P	G06099	NE P	G06123	NE P
G05980	NE P	G06004	NE P	G06028	RJ P	G06052	NE P	G06076	NE P	G06100	NE P	G06124	NE M
G05981	NE P	G06005	NE P	G06029	BL M	G06053	NE P	G06077	NE P	G06101	NE P	G06125	NE P
G05982	NE P	G06006	NE P	G06030	NE P	G06054	RJ G	G06078	NE P	G06102	NE M	G06126	NE M
G05983	NE M	G06007	NE P	G06031	NE P	G06055	NE P	G06079	NE P	G06103	NE P	G06127	NE P
G05984	NE P	G06008	NE P	G06032	NE P	G06056	NE P	G06080	NE M	G06104	NE P	G06128	NE M
G05985	NE P	G06009	NE P	G06033	NE P	G06057	NE P	G06081	NE P	G06105	NE M	G06129	NE P
G05986	NE P	G06010	NE P	G06034	NE P	G06058	NE P	G06082	NE P	G06106	NE M	G06130	NE P
G05987	NE M	G06011	NE P	G06035	NE P	G06059	NE P	G06083	NE P	G06107	CR M	G06131	NE P
G05988	NE P	G06012	NE P	G06036	NE P	G06060	NE P	G06084	NE P	G06108	NE M	G06132	NE P
G05989	NE P	G06013	NE P	G06037	NE P	G06061	NE P	G06085	NE M	G06109	NE P	G06133	NE P
G05990	NE P	G06014	NE P	G06038	CF M	G06062	NE P	G06086	NE P	G06110	NE P	G06134	NE P
G05991	NE M	G06015	NE P	G06039	BL M	G06063	NE P	G06087	NE P	G06111	NE P	G06135	NE M

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
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G06136	NE M	G06160	NE P	G06184	NE P	G06208	NE P	G06232	NE P	G06256	NE P	G06280	CF M
G06137	NE M	G06161	NE P	G06185	NE P	G06209	NE P	G06233	NE P	G06257	NE P	G06281	NE P
G06138	NE P	G06162	NE P	G06186	NE P	G06210	NE P	G06234	NE P	G06258	NE P	G06282	NE P
G06139	NE M	G06163	NE P	G06187	NE P	G06211	NE P	G06235	NE P	G06259	NE P	G06283	NE P
G06140	NE M	G06164	NE P	G06188	NE P	G06212	NE P	G06236	NE P	G06260	NE P	G06284	NE P
G06141	NE P	G06165	NE P	G06189	NE P	G06213	NE P	G06237	NE P	G06261	NE P	G06285	NE P
G06142	NE P	G06166	NE P	G06190	NE P	G06214	NE P	G06238	NE P	G06262	NE P	G06286	NE P
G06143	NE P	G06167	RJ M	G06191	NE P	G06215	NE P	G06239	BL M	G06263	NE M	G06287	NE P
G06144	NE P	G06168	NE M	G06192	NE P	G06216	NE P	G06240	NE P	G06264	NE P	G06288	BL P
G06145	NE P	G06169	NE P	G06193	NE P	G06217	NE P	G06241	NE P	G06265	NE P	G06289	NE M
G06146	NE P	G06170	NE P	G06194	NE P	G06218	NE P	G06242	NE P	G06266	NE P	G06290	NE P
G06147	NE P	G06171	NE P	G06195	NE P	G06219	NE P	G06243	NE P	G06267	NE P	G06291	NE P
G06148	NE P	G06172	NE P	G06196	NE P	G06220	NE P	G06244	NE P	G06268	NE P	G06292	NE P
G06149	NE P	G06173	NE P	G06197	NE P	G06221	NE P	G06245	NE P	G06269	RS M	G06293	NE P
G06150	NE M	G06174	NE P	G06198	NE P	G06222	RS P	G06246	NE P	G06270	NE P	G06294	NE P
G06151	NE P	G06175	NE P	G06199	NE P	G06223	RS P	G06247	NE P	G06271	CR M	G06295	NE P
G06152	NE P	G06176	NE P	G06200	NE P	G06224	BL P	G06248	NE P	G06272	NE P	G06296	NE M
G06153	NE P	G06177	NE P	G06201	NE P	G06225	NE P	G06249	NE P	G06273	RJ G	G06297	NE M
G06154	NE M	G06178	NE P	G06202	NE P	G06226	NE P	G06250	NE P	G06274	NE P	G06298	NE P
G06155	NE P	G06179	NE P	G06203	NE P	G06227	NE P	G06251	NE P	G06275	NE P	G06299	NE P
G06156	BL P	G06180	NE P	G06204	NE P	G06228	NE P	G06252	NE P	G06276	NE P	G06300	NE P
G06157	NE P	G06181	NE P	G06205	NE P	G06229	NE P	G06253	NE P	G06277	NE P	G06301	NE P
G06158	NE P	G06182	NE P	G06206	NE P	G06230	NE P	G06254	NE P	G06278	CF M	G06302	NE P
G06159	NE P	G06183	NE P	G06207	NE P	G06231	NE P	G06255	NE M	G06279	NE P	G06303	NE M

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G06304	NE	P	G06328	NE	M	G06352	BL	P	G06376	CF	P	G06400	AM	M	G06424	NE	M
G06305	NE	P	G06329	NE	M	G06353	BL	P	G06377	BL	M	G06401	AM	M	G06425	NE	P
G06306	NE	P	G06330	NE	M	G06354	NE	P	G06378	BL	M	G06402	CR	G	G06426	NE	P
G06307	NE	P	G06331	NE	P	G06355	NE	P	G06379	RJ	G	G06403	AM	M	G06427	NE	P
G06308	NE	M	G06332	NE	M	G06356	NE	M	G06380	BL	G	G06404	CR	G	G06428	BL	M
G06309	NE	M	G06333	NE	P	G06357	NE	P	G06381	RS	G	G06405	CR	M	G06429	BL	P
G06310	NE	M	G06334	BL	M	G06358	NE	M	G06382	NE	P	G06406	BL	P	G06430	RJ	P
G06311	NE	M	G06335	BL	M	G06359	NE	P	G06383	NE	M	G06407	RS	P	G06431	RJ	P
G06312	NE	M	G06336	NE	P	G06360	NE	M	G06384	RJ	M	G06408	RS	M	G06432	RJ	P
G06313	NE	P	G06337	BL	P	G06361	BL	M	G06385	RJ	M	G06409	RS	P	G06433	RJ	P
G06314	NE	M	G06338	NE	P	G06362	NE	P	G06386	CF	P	G06410	RJ	P	G06434	RJ	P
G06315	NE	P	G06339	NE	P	G06363	NE	P	G06387	CR	G	G06411	AM	P	G06435	BL	M
G06316	NE	P	G06340	BL	P	G06364	NE	G	G06388	CF	P	G06412	CR	G	G06436	BL	P
G06317	NE	P	G06341	NE	P	G06365	AM	G	G06389	CF	M	G06413	NE	P	G06437	CR	M
G06318	NE	P	G06342	NE	M	G06366	RJ	P	G06390	CR	M	G06414	RS	G	G06438	RJ	P
G06319	NE	P	G06343	NE	P	G06367	CR	M	G06391	CR	M	G06415	RS	G	G06439	RJ	P
G06320	NE	M	G06344	NE	P	G06368	BL	P	G06392	MR	G	G06416	RJ	G	G06440	NE	M
G06321	NE	P	G06345	NE	P	G06369	BL	P	G06393	RJ	G	G06417	NE	P	G06441	BL	P
G06322	NE	P	G06346	NE	P	G06370	BL	P	G06394	AM	M	G06418	NE	P	G06443	RJ	P
G06323	NE	P	G06347	NE	P	G06371	MR	G	G06395	MR	M	G06419	NE	P	G06444	NE	M
G06324	NE	M	G06348	NE	M	G06372	AM	P	G06396	RJ	M	G06420	NE	P	G06445	CF	P
G06325	NE	P	G06349	NE	P	G06373	BL	G	G06397	AM	G	G06421	NE	P	G06446	NE	P
G06326	NE	P	G06350	NE	P	G06374	AM	M	G06398	AM	M	G06422	NE	P	G06447	RJ	M
G06327	NE	P	G06351	NE	P	G06375	RS	M	G06399	AM	M	G06423	NE	P	G06448	RJ	M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G06473	CR	P	G06497	RS	P	G06521	CR	P	G06545	CF	M	G06569	CR	P	G06593	AM	G
G06474	RS	M	G06498	RS	P	G06522	NE	P	G06546	CR	M	G06570	CR	P	G06594	BL	P
G06475	CR	P	G06499	RS	G	G06523	NE	P	G06547	NE	P	G06571	CR	P	G06595	CF	M
G06476	CR	P	G06500	CR	M	G06524	NE	P	G06548	NE	P	G06572	MR	P	G06596	BL	P
G06477	CR	P	G06501	CR	M	G06525	CR	P	G06549	NE	P	G06573	BL	G	G06597	BL	P
G06478	CF	P	G06502	CR	M	G06526	NE	P	G06550	NE	P	G06574	AM	P	G06598	BL	M
G06479	AM	P	G06503	CR	M	G06527	BL	P	G06551	NE	M	G06575	AM	M	G06599	CR	M
G06480	CF	P	G06504	CR	M	G06528	MR	P	G06552	RJ	P	G06576	AM	G	G06600	CF	P
G06481	RS	P	G06505	CR	G	G06529	CR	P	G06553	RS	M	G06577	AM	M	G06601	MR	M
G06482	CF	P	G06506	RJ	P	G06530	MR	P	G06554	BL	P	G06578	AM	M	G06602	CF	M
G06483	CR	P	G06507	CR	M	G06531	CR	P	G06555	BL	M	G06579	AM	P	G06603	NE	P
G06484	NE	P	G06508	CR	P	G06532	NE	P	G06556	NE	P	G06580	AM	M	G06604	BL	M
G06485	NE	P	G06509	CR	P	G06533	RS	M	G06557	NE	P	G06581	AM	G	G06605	BL	P
G06486	NE	P	G06510	CR	M	G06534	CF	M	G06558	RS	P	G06582	AM	M	G06606	BL	M
G06487	NE	P	G06511	CR	M	G06535	CR	P	G06559	NE	P	G06583	AM	G	G06607	BL	M
G06488	AM	M	G06512	CR	M	G06536	MR	M	G06560	RS	P	G06584	AM	M	G06608	BL	M
G06489	NE	P	G06513	CR	M	G06537	BL	P	G06561	RJ	P	G06585	AM	M	G06609	BL	M
G06490	NE	P	G06514	RS	P	G06538	RS	M	G06562	RS	P	G06586	AM	M	G06610	BL	M
G06491	CF	P	G06515	CR	M	G06539	NE	P	G06563	CR	P	G06587	AM	M	G06611	BL	M
G06492	NE	P	G06516	CR	M	G06540	CF	P	G06564	CR	P	G06588	AM	P	G06612	BL	P
G06493	RS	P	G06517	CR	M	G06541	CF	P	G06565	CR	P	G06589	AM	M	G06613	BL	P
G06494	CF	P	G06518	NE	P	G06542	CF	P	G06566	CR	P	G06590	CR	P	G06614	NE	G
G06495	RS	P	G06519	CR	P	G06543	CF	M	G06567	CH	P	G06591	AM	G	G06615	RJ	M
G06496	RS	P	G06520	CR	P	G06544	CF	M	G06568	CR	P	G06592	RJ	M	G06616	RJ	P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G06641	RJ	G	G06665	CR	P	G06689	BL	G	G06713	BL	P	G06737	BL	P	G06761	AM	M
G06642	RS	M	G06666	CR	P	G06690	BL	P	G06714	BL	P	G06738	BL	M	G06762	NE	P
G06643	CR	M	G06667	CF	P	G06691	BL	P	G06715	NE	M	G06739	BL	M	G06763	AM	M
G06644	CR	G	G06668	AM	M	G06692	BL	P	G06716	RJ	M	G06740	BL	P	G06764	AM	M
G06645	CR	P	G06669	AM	P	G06693	BL	P	G06717	CF	M	G06741	RS	P	G06765	NE	P
G06646	CR	P	G06670	AM	P	G06694	BL	P	G06718	MR	M	G06742	NE	P	G06766	AM	M
G06647	RJ	G	G06671	BL	G	G06695	BL	P	G06719	BL	P	G06743	NE	P	G06767	NE	P
G06648	RJ	G	G06672	CR	M	G06696	BL	P	G06720	BL	P	G06744	RS	P	G06768	NE	P
G06649	MR	M	G06673	AM	M	G06697	BL	P	G06721	BL	M	G06745	NE	P	G06769	NE	P
G06650	NE	P	G06674	CF	G	G06698	BL	P	G06722	RJ	M	G06746	NE	P	G06770	NE	P
G06651	NE	P	G06675	NE	M	G06699	BL	P	G06723	BL	P	G06747	NE	P	G06771	NE	P
G06652	NE	P	G06676	CF	G	G06700	BL	P	G06724	RJ	G	G06748	NE	P	G06772	CR	P
G06653	RJ	P	G06677	BL	G	G06701	BL	P	G06725	MR	M	G06749	NE	P	G06773	CF	G
G06654	RS	G	G06678	CF	P	G06702	BL	M	G06726	CF	M	G06750	NE	P	G06774	CF	G
G06655	CR	G	G06679	BL	P	G06703	BL	P	G06727	AM	G	G06751	NE	P	G06775	NE	M
G06656	RS	G	G06680	BL	P	G06704	BL	P	G06728	RS	G	G06752	AM	M	G06776	CR	G
G06657	AM	G	G06681	BL	M	G06705	BL	M	G06729	RS	G	G06753	CR	P	G06777	NE	P
G06658	CR	P	G06682	BL	P	G06706	BL	P	G06730	CR	G	G06754	NE	P	G06778	CR	M
G06659	BL	M	G06683	BL	M	G06707	BL	P	G06731	BL	M	G06755	NE	P	G06779	NE	P
G06660	RJ	M	G06684	BL	P	G06708	BL	P	G06732	CF	M	G06756	AM	P	G06780	BL	P
G06661	NE	M	G06685	RS	M	G06709	BL	M	G06733	BL	P	G06757	AM	M	G06781	NE	M
G06662	BL	P	G06686	BL	P	G06710	BL	P	G06734	NE	M	G06758	AM	M	G06782	NE	M
G06663	BL	P	G06687	BL	P	G06711	BL	P	G06735	CR	P	G06759	AM	P	G06783	CR	P
G06664	BL	P	G06688	BL	P	G06712	BL	P	G06736	RS	P	G06760	AM	P	G06784	RJ	M

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
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G06810	RJ P	G06835	RJ P	G06859	RS P	G06883	BL M	G06907	RJ P	G06931	RJ P	G06955	CR P
G06811	RJ M	G06836	RJ P	G06860	AM P	G06884	CR P	G06908	RJ P	G06932	RJ M	G06956	NE M
G06812	RJ M	G06837	RJ P	G06861	OT P	G06885	MR M	G06909	RJ P	G06933	RJ P	G06957	MR M
G06813	RJ M	G06838	RJ P	G06862	CR P	G06886	CR P	G06910	RJ P	G06934	RJ M	G06958	CF M
G06814	RJ P	G06839	PJ P	G06863	OT P	G06887	CR P	G06911	RJ P	G06935	RJ P	G06959	CR M
G06815	RJ G	G06840	RJ P	G06864	CF P	G06888	CR P	G06912	RJ P	G06936	RJ P	G06960	RJ G
G06816	RJ P	G06841	RJ P	G06865	CF M	G06889	CF P	G06913	RJ P	G06937	RJ P	G06961	NE M
G06817	RJ P	G06842	RJ P	G06866	CF M	G06890	CR P	G06914	RJ P	G06938	RS M	G06962	CF M
G06818	RJ P	G06843	RJ P	G06867	CF P	G06891	CR P	G06915	RJ M	G06939	RJ P	G06963	MR P
G06819	RJ P	G06844	RJ P	G06868	BL M	G06892	AM M	G06916	MR P	G06940	BL P	G06964	CR P
G06821	NE M	G06845	RJ P	G06869	CR P	G06893	CR P	G06917	RJ M	G06941	NE M	G06965	CR P
G06822	MR P	G06846	RJ P	G06870	CF P	G06894	RJ P	G06918	RJ M	G06942	NE P	G06966	CR M
G06823	RJ M	G06847	NE P	G06871	CR P	G06895	CR P	G06919	RJ P	G06943	AM P	G06967	RJ P
G06824	RJ P	G06848	NE P	G06872	AM M	G06896	CR M	G06920	RJ P	G06944	NE P	G06968	CF P
G06825	NE P	G06849	NE P	G06873	RJ M	G06897	CR P	G06921	RJ P	G06945	MR P	G06969	CR M
G06826	RJ P	G06850	NE P	G06874	CR P	G06898	CR P	G06922	RJ P	G06946	RJ M	G06970	CR P
G06827	RJ M	G06851	NE P	G06875	NE P	G06899	NE P	G06923	MR M	G06947	CR G	G06971	NE P
G06828	RJ P	G06852	NE P	G06876	CR P	G06900	NE P	G06924	NE P	G06948	NE P	G06972	CR P
G06829	RJ P	G06853	NE P	G06877	NE P	G06901	CR P	G06925	RJ M	G06949	NE P	G06973	NE P
G06830	MR P	G06854	NE P	G06878	CF P	G06902	RS P	G06926	RJ P	G06950	NE P	G06974	NE P
G06831	RJ P	G06855	RS P	G06879	CR G	G06903	RJ P	G06927	RJ P	G06951	AM M	G06975	NE M
G06832	RJ P	G06856	RS P	G06880	CR M	G06904	RJ P	G06928	RJ P	G06952	AM M	G06976	NE P
G06833	RJ P	G06857	RS P	G06881	CR P	G06905	RJ P	G06929	RJ P	G06953	CF P	G06977	AM M
G06834	RJ P	G06858	RS M	G06882	CR P	G06906	RJ P	G06930	RJ P	G06954	CR P	G06978	AM M





N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
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G07146	NE P	G07170	MR P	G07194	CF P	G07218	RJ M	G07244	AM G	G07269	AM M	G07293	AM G
G07147	NE P	G07171	RJ P	G07195	CR P	G07219	RJ P	G07245	CF G	G07270	RJ G	G07294	CR M
G07148	CR P	G07172	RJ M	G07196	AM M	G07220	CR P	G07246	CR M	G07271	BL M	G07295	CR M
G07149	CR P	G07173	RJ P	G07197	BL M	G07221	BL P	G07247	CR M	G07272	RJ M	G07296	CR M
G07150	MR G	G07174	MR P	G07198	NE P	G07222	MR P	G07248	OT G	G07273	MR G	G07297	RJ G
G07151	CF M	G07175	MR M	G07199	NE P	G07223	NE P	G07249	CR G	G07274	BL M	G07298	RJ G
G07152	RS P	G07176	RJ M	G07200	RJ P	G07224	BL M	G07250	RJ G	G07275	BL G	G07299	RJ G
G07153	CR M	G07177	RJ P	G07201	RS P	G07225	CF P	G07251	CR G	G07276	NE G	G07300	RJ M
G07154	NE M	G07178	MR M	G07202	MR M	G07227	CF P	G07252	RJ G	G07277	BL G	G07301	BL G
G07155	CR M	G07179	RJ M	G07203	RJ P	G07228	RJ G	G07253	CR M	G07278	BL G	G07302	MR G
G07156	NE P	G07180	RJ M	G07204	RJ P	G07229	CR G	G07254	BL M	G07279	BL G	G07303	AM G
G07157	CF P	G07181	MR M	G07205	RJ P	G07230	MR G	G07255	CR M	G07280	CR G	G07304	BL M
G07158	OT P	G07182	NE M	G07206	MR P	G07231	CR G	G07256	RS M	G07281	BL M	G07305	CR G
G07159	CF M	G07183	RJ P	G07207	RJ P	G07232	NE G	G07257	AM M	G07282	AM G	G07306	RJ G
G07160	OT G	G07184	RJ P	G07208	RJ P	G07233	RS M	G07258	RS G	G07283	RS M	G07307	AM G
G07161	BL M	G07185	RJ P	G07209	RJ P	G07234	MR M	G07259	BL P	G07284	AM M	G07308	AM M
G07162	RS G	G07186	RJ M	G07210	RJ P	G07236	CF P	G07260	MR M	G07285	MR G	G07309	RJ G
G07163	MR M	G07187	RJ P	G07211	RJ P	G07237	NE M	G07261	AM M	G07286	RJ G	G07310	NE P
G07164	RJ M	G07188	RJ P	G07212	RJ P	G07238	CF M	G07262	NE M	G07287	BL M	G07311	RJ G
G07165	RJ P	G07189	RJ P	G07213	RJ M	G07239	NE M	G07263	CR G	G07288	BL M	G07312	AM G
G07166	RJ P	G07190	RJ P	G07214	RJ P	G07240	CP G	G07265	CR G	G07289	NE M	G07313	CR P
G07167	RJ P	G07191	NE M	G07215	RJ M	G07241	CR G	G07266	AM M	G07290	MR G	G07314	CR P
G07168	RJ P	G07192	NE P	G07216	RJ P	G07242	AM G	G07267	AM G	G07291	NE G	G07315	MR M
G07169	MR M	G07193	CF P	G07217	RJ P	G07243	AM M	G07268	AM G	G07292	AM M	G07316	CR G

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N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
G07317	AM G	G07341	AM M	G07365	CR G	G07389	BL P	G07413	CR M	G07437	RJ G	G07461	NE G
G07318	MR G	G07342	AM M	G07366	BL G	G07390	CR M	G07414	CR M	G07438	AM G	G07462	BL P
G07319	SL M	G07343	AM M	G07367	CR M	G07391	AM M	G07415	CR M	G07439	RJ G	G07464	CF G
G07320	RS P	G07344	AM M	G07368	MR M	G07392	AM M	G07416	CR G	G07440	CR G	G07465	BL P
G07321	CF G	G07345	AM G	G07369	BL M	G07393	AM M	G07417	MR G	G07441	BL M	G07466	AM G
G07322	CR M	G07346	AM M	G07370	AM G	G07394	AM M	G07418	RJ M	G07442	MR G	G07467	BL P
G07323	CR G	G07347	AM M	G07371	CR M	G07395	AM M	G07419	MR G	G07443	RJ M	G07468	CR M
G07324	BL P	G07348	AM M	G07372	CR G	G07396	AM M	G07420	MR G	G07444	CR M	G07469	CR P
G07325	CR M	G07349	AM M	G07373	CR M	G07397	AM M	G07421	MR M	G07445	RJ M	G07470	BL P
G07326	CR M	G07350	AM M	G07374	CR G	G07398	AM M	G07422	MR G	G07446	BL P	G07471	CR G
G07327	MR G	G07351	AM M	G07375	MR M	G07399	AM M	G07423	BL P	G07447	BL P	G07472	CR P
G07328	CR M	G07352	AM M	G07376	MR G	G07400	AM M	G07424	RJ P	G07448	BL P	G07473	CF P
G07329	AM G	G07353	AM M	G07377	CR P	G07401	AM M	G07425	NE P	G07449	RS M	G07474	NE P
G07330	AM M	G07354	AM M	G07378	AM G	G07402	AM M	G07426	CR P	G07450	BL P	G07475	BL P
G07331	AM M	G07355	CR G	G07379	MR G	G07403	AM M	G07427	CR P	G07451	BL P	G07476	CF M
G07332	AM M	G07356	CR G	G07380	CR G	G07404	AM M	G07428	CR P	G07452	BL P	G07477	NE M
G07333	AM G	G07357	CR M	G07381	BL G	G07405	AM M	G07429	AM M	G07453	BL P	G07478	BL M
G07334	AM M	G07358	CR M	G07382	AM M	G07406	AM G	G07430	AM M	G07454	BL P	G07479	CR P
G07335	AM M	G07359	CR G	G07383	RJ G	G07407	AM M	G07431	BL M	G07455	BL P	G07479A	AM P
G07336	AM M	G07360	CR M	G07384	NE P	G07408	AM M	G07432	AM P	G07456	BL P	G07480	NE P
G07337	AM M	G07361	CR M	G07385	CR M	G07409	AM M	G07433	RJ P	G07457	RJ P	G07481	CR P
G07338	AM M	G07362	CR G	G07386	MR M	G07410	AM M	G07434	MR M	G07458	NE P	G07482	CR M
G07339	AM M	G07363	RJ M	G07387	AM M	G07411	AM M	G07435	MR P	G07459	BL P	G07483	NE P
G07340	AM M	G07364	CR P	G07388	AM M	G07412	AM M	G07436	MR P	G07460	BL P	G07484	BL P

N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM
G07485	AM M	G07509	BL M	G07533	BL P	G07557	BL P	G07581	BL P	G07606	CR G	G07630	BL M
G07486	AM P	G07510	BL P	G07534	BL P	G07558	BL P	G07582	BL M	G07607	BL G	G07631	BL G
G07487	AM M	G07511	BL P	G07535	BL P	G07559	BL P	G07583	BL P	G07608	BL P	G07632	NE M
G07488	BL M	G07512	BL M	G07536	CR M	G07560	BL P	G07584	BL M	G07609	BL M	G07633	BL G
G07489	CR G	G07513	BL P	G07537	BL M	G07561	BL M	G07585	BL M	G07610	NE M	G07634	CR G
G07490	BL P	G07514	BL P	G07538	AM P	G07562	BL M	G07586	BL M	G07611	NE M	G07635	CR G
G07491	BL P	G07515	BL P	G07539	BL P	G07563	BL P	G07587	BL M	G07612	BL M	G07636	CF M
G07492	NE P	G07516	BL P	G07540	BL P	G07564	BL M	G07588	NE M	G07613	BL G	G07637	CF G
G07493	BL P	G07517	BL M	G07541	BL M	G07565	BL P	G07589	BL P	G07614	CF M	G07638	BL M
G07494	BL P	G07518	BL P	G07542	CR P	G07566	BL M	G07590	BL P	G07615	CF G	G07639	BL G
G07495	BL P	G07519	BL P	G07543	BL P	G07567	BL P	G07591	BL P	G07616	BL M	G07640	AM G
G07496	BL P	G07520	CF P	G07544	BL P	G07568	CR P	G07592	CR G	G07617	BL M	G07641	BL M
G07497	BL P	G07521	MR M	G07545	BL M	G07569	BL P	G07593	BL M	G07618	CF G	G07642	BL M
G07498	BL P	G07522	BL P	G07546	AM G	G07570	BL M	G07594	BL P	G07619	CF G	G07643	CR M
G07499	BL P	G07523	BL P	G07547	BL P	G07571	BL M	G07595	NE P	G07620	AM G	G07644	BL G
G07500	BL P	G07524	BL P	G07548	BL M	G07572	BL M	G07596	BL P	G07621	NE M	G07645	BL G
G07501	BL P	G07525	BL P	G07549	CF P	G07573	BL M	G07597	BL M	G07622	BL M	G07646	RJ M
G07502	BL P	G07526	BL P	G07550	BL P	G07574	BL M	G07598	CR G	G07623	BL M	G07647	BL G
G07503	BL P	G07527	BL P	G07551	BL P	G07575	BL M	G07599	BL M	G07624	CR M	G07648	AM M
G07504	BL P	G07528	BL P	G07552	BL P	G07576	BL P	G07600	NE P	G07625	AM M	G07649	BL M
G07505	CR M	G07529	BL M	G07553	CF P	G07577	BL P	G07601	RJ G	G07626	CR M	G07650	BL G
G07506	BL P	G07530	BL M	G07554	BL P	G07578	BL M	G07602	CR G	G07627	CF G	G07651	BL M
G07507	BL P	G07531	BL M	G07555	BL M	G07579	CF P	G07603	RS P	G07628	CF G	G07652	BL M
G07508	BL P	G07532	BL P	G07556	BL P	G07580	BL M	G07605	AM P	G07629	BL G	G07653	AM M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G07654	AM	M	G07678	BL	P	G07702	BL	M	G07726	BL	M	G07750	CR	P	G07774	AM	M
G07655	NE	M	G07679	AM	G	G07703	BL	M	G07727	AM	M	G07751	NE	P	G07775	AM	M
G07656	NE	G	G07680	BL	M	G07704	NE	G	G07728	CF	M	G07752	NE	M	G07776	AM	P
G07657	BL	P	G07681	BL	P	G07705	CR	M	G07729	AM	M	G07753	RS	M	G07778	RJ	P
G07658	BL	P	G07682	AM	M	G07706	RJ	P	G07730	BL	G	G07754	CR	M	G07779	RJ	P
G07659	CR	P	G07683	CF	M	G07707	RJ	M	G07731	AM	M	G07755	AM	P	G07780	NE	P
G07660	BL	G	G07684	AM	M	G07708	BL	G	G07732	AM	M	G07756	RJ	M	G07781	RJ	P
G07661	BL	P	G07685	CF	P	G07709	NE	M	G07733	BL	P	G07757	AM	M	G07782	RS	P
G07662	NE	P	G07686	NE	M	G07710	CR	P	G07734	NE	M	G07758	BL	P	G07783	AM	M
G07663	BL	M	G07687	BL	M	G07711	BL	M	G07735	CR	G	G07759	NE	P	G07784	RJ	P
G07664	AM	G	G07688	NE	P	G07712	BL	M	G07736	BL	P	G07760	RJ	P	G07785	RJ	P
G07665	CF	M	G07689	BL	M	G07713	BL	M	G07737	BL	P	G07761	NE	P	G07786	RJ	P
G07666	CR	G	G07690	BL	M	G07714	BL	M	G07738	CR	P	G07762	NE	P	G07787	BL	P
G07667	BL	M	G07691	BL	M	G07715	NE	M	G07739	BL	M	G07763	NE	P	G07788	RJ	P
G07668	CR	M	G07692	CR	M	G07716	CF	M	G07740	NE	P	G07764	RJ	P	G07789	RJ	P
G07669	BL	M	G07693	MR	P	G07717	RJ	G	G07741	RS	P	G07765	RJ	P	G07790	BL	P
G07670	BL	P	G07694	BL	P	G07718	CF	M	G07742	NE	P	G07766	CF	P	G07791	RS	P
G07671	BL	M	G07695	BL	P	G07719	BL	P	G07743	NE	P	G07767	CR	P	G07792	RJ	P
G07672	BL	P	G07696	AM	P	G07720	NE	M	G07744	NE	P	G07768	RJ	P	G07793	RJ	P
G07673	CF	M	G07697	BL	P	G07721	BL	G	G07745	RJ	P	G07769	RJ	P	G07794	RJ	P
G07674	BL	M	G07698	CF	M	G07722	RJ	M	G07746	CR	P	G07770	RJ	M	G07795	RJ	P
G07675	CR	M	G07699	BL	M	G07723	RJ	M	G07747	CR	P	G07771	RJ	M	G07796	RJ	P
G07676	BL	P	G07700	BL	G	G07724	NE	M	G07748	BL	P	G07772	RJ	P	G07797	RJ	P
G07677	BL	M	G07701	NE	M	G07725	BL	M	G07749	CR	P	G07773	AM	P	G07798	RJ	P

N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM
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G07823	RJ M	G07847	RS M	G07871	RS P	G07895	MR M	G07919	BL P	G07943	RJ M	G07967	RJ G
G07824	RJ P	G07848	RJ P	G07872	RJ P	G07896	MR M	G07920	BL P	G07944	RJ M	G07968	BL M
G07825	RJ P	G07849	RJ P	G07873	RJ P	G07897	RJ P	G07921	BL M	G07945	RJ M	G07969	CF P
G07826	RJ M	G07850	RJ P	G07874	RJ P	G07898	RJ M	G07922	BL P	G07946	RJ G	G07970	CR M
G07827	RJ P	G07851	MR M	G07875	RJ P	G07899	RJ P	G07923	BL P	G07947	RJ M	G07971	CR P
G07828	RJ M	G07852	RJ P	G07876	RJ P	G07900	RJ P	G07924	BL M	G07948	CF M	G07972	RJ P
G07829	RS P	G07853	NE P	G07877	RJ P	G07901	RJ P	G07925	BL G	G07949	BL P	G07973	NE P
G07830	AM P	G07854	AM M	G07878	RJ M	G07902	RJ M	G07926	BL M	G07950	CR M	G07974	AM M
G07831	MR P	G07855	AM M	G07879	RJ P	G07903	RJ P	G07927	BL G	G07951	CF P	G07975	AM M
G07832	RJ P	G07856	CR P	G07880	CR M	G07904	RJ M	G07928	BL P	G07952	NE P	G07976	AM M
G07833	RJ P	G07857	CR P	G07881	CF M	G07905	RJ P	G07929	BL M	G07953	NE P	G07977	AM M
G07834	RJ P	G07858	RJ M	G07882	AM M	G07906	RJ P	G07930	BL M	G07954	CR P	G07978	AM M
G07835	RJ P	G07859	RJ P	G07883	CF M	G07907	RS P	G07931	BL P	G07955	RJ G	G07979	AM G
G07836	RJ P	G07860	RJ P	G07884	CR M	G07908	RJ P	G07932	RJ P	G07956	CF M	G07980	AM G
G07837	RS P	G07861	RJ M	G07885	RS P	G07909	RJ P	G07933	CR M	G07957	MR G	G07981	AM M
G07838	RJ P	G07862	RS P	G07886	BL P	G07910	MR P	G07934	RS M	G07958	RJ G	G07982	AM M
G07839	RJ P	G07863	RJ M	G07887	CF P	G07911	RJ P	G07935	RS M	G07959	RJ M	G07983	AM M
G07840	RJ P	G07864	RJ P	G07888	NE P	G07912	AM M	G07936	RJ G	G07960	NE P	G07984	AM M
G07841	RJ P	G07865	RJ P	G07889	NE P	G07913	CF G	G07937	RS M	G07961	NE P	G07985	AM M
G07842	RJ P	G07866	RJ P	G07890	MR P	G07914	BL P	G07938	RS G	G07962	MR P	G07986	AM M
G07843	MR P	G07867	RJ P	G07891	RJ P	G07915	BL P	G07939	RJ M	G07963	NE P	G07987	AM M
G07844	MR P	G07868	RJ P	G07892	RJ P	G07916	BL P	G07940	RS M	G07964	NE P	G07988	AM M
G07845	CR M	G07869	RJ P	G07893	RJ P	G07917	BL P	G07941	RJ M	G07965	NE M	G07989	AM M
G07846	RJ P	G07870	RJ P	G07894	RJ P	G07918	BL P	G07942	RJ G	G07966	NE M	G07990	AM M

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
G07991	CR M	G08013	NE P	G08039	BL M	G08063	BL P	G08087	CR M	G08112	CR M	G08138	BL P
G07992	CR M	G08016	CF M	G08040	CR P	G08064	BL P	G08088	RS G	G08113	BL M	G08139	CR M
G07993	CR M	G08017	BL P	G08041	AM M	G08065	BL P	G08090	BL P	G08114	BL M	G08140	CR M
G07994	RJ G	G08018	BL P	G08042	CR M	G08066	BL P	G08091	CR M	G08115	DT P	G08141	CR M
G07995	MR M	G08019	AM P	G08043	RJ G	G08067	BL P	G08092	NE P	G08116	BL M	G08142	AM P
G07996	RJ M	G08020	CF M	G08044	RJ P	G08068	BL P	G08093	CR M	G08117	BL M	G08143	CR M
G07997	RJ M	G08021	AM M	G08045	MR M	G08069	BL P	G08094	CR P	G08118	CR P	G08144	NE P
G07998	BL P	G08022	BL P	G08046	NE P	G08070	BL P	G08095	BL G	G08119	CR M	G08145	RS P
G07999	BL P	G08023	BL P	G08047	MR M	G08071	BL P	G08096	CR G	G08120	BL M	G08146	CR P
G08000	BL M	G08024	BL M	G08048	MR M	G08072	BL P	G08097	BL P	G08121	BL P	G08147	CR G
G08001	BL P	G08025	CF M	G08049	RS M	G08073	BL P	G08098	BL M	G08123	BL M	G08148	CR M
G08002	AM M	G08026	BL P	G08050	CR P	G08074	BL P	G08099	BL M	G08124	BL M	G08149	CR G
G08003	CF M	G08027	CF P	G08051	CR M	G08075	BL P	G08100	CR P	G08125	BL P	G08150	RS G
G08004	BL M	G08028	BL M	G08052	RJ M	G08076	BL P	G08101	BL P	G08126	RS M	G08151	RS G
G08005	BL P	G08029	NE M	G08053	MR M	G08077	BL P	G08102	BL P	G08127	MR M	G08152	AM G
G08006	BL P	G08030	BL M	G08054	MR M	G08078	BL P	G08103	RS M	G08128	RS M	G08153	RJ G
G08007	BL M	G08031	BL M	G08055	CR M	G08079	BL P	G08104	NE P	G08129	MR G	G08154	CR G
G08008	BL M	G08032	BL P	G08056	CR M	G08080	BL P	G08105	CR M	G08130	CR P	G08155	AM M
G08009	NE M	G08033	BL P	G08057	BL P	G08081	BL P	G08106	MR M	G08131	CR M	G08156	CP G
G08010	CF M	G08034	NE M	G08058	BL P	G08082	BL P	G08107	AM M	G08132	BL G	G08157	RJ G
G08011	NE P	G08035	BL P	G08059	BL P	G08083	BL P	G08108	RJ M	G08133	BL M	G08158	MR M
G08012	BL P	G08036	BL P	G08060	BL P	G08084	BL P	G08109	CR G	G08134	BL M	G08159	MR G
G08013	CF P	G08037	BL M	G08061	BL P	G08085	BL P	G08110	CR G	G08135	BL P	G08160	MR G
G08014	BL P	G08038	BL M	G08062	BL P	G08086	CR M	G08111	CR M	G08137	BL P	G08161	CR G

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G08162	RS	M	G08186	RJ	M	G08210	CF	G	G08234	NE	M	G08259	BL	P	G08283	NE	P
G08163	CR	G	G08187	RJ	M	G08211	CR	G	G08235	NE	G	G08260	NE	P	G08284	RS	P
G08164	CP	M	G08188	CR	G	G08212	CF	G	G08236	CR	G	G08261	AM	M	G08285	BL	P
G08165	NE	G	G08189	CR	G	G08213	CR	G	G08237	NE	P	G08262	NE	P	G08286	RJ	P
G08166	AM	M	G08190	CR	G	G08214	BL	G	G08238	BL	P	G08263	NE	P	G08287	NE	P
G08167	RS	M	G08191	CR	G	G08215	RJ	G	G08239	AM	P	G08264	NE	P	G08288	NE	P
G08168	OT	P	G08192	AM	M	G08216	RJ	P	G08240	NE	M	G08265	NE	P	G08289	NE	P
G08169	MR	M	G08193	BL	P	G08217	CR	G	G08242	CR	P	G08266	NE	P	G08290	NE	P
G08170	RJ	G	G08194	NE	M	G08218	RS	M	G08243	NE	P	G08267	NE	P	G08291	NE	P
G08171	RJ	G	G08195	RJ	M	G08219	BL	M	G08244	NE	P	G08268	NE	P	G08292	NE	P
G08172	CR	G	G08196	AM	M	G08220	AM	G	G08245	BL	P	G08269	RJ	P	G08293	NE	P
G08173	MR	G	G08197	CR	M	G08221	AM	G	G08246	NE	P	G08270	NE	P	G08294	NE	P
G08174	RJ	G	G08198	CR	M	G08222	CR	M	G08247	RS	P	G08271	RJ	P	G08295	RJ	P
G08175	CR	M	G08199	CR	G	G08223	MR	G	G08248	NE	M	G08272	RJ	P	G08296	NE	P
G08176	NE	P	G08200	RS	M	G08224	MR	G	G08249	NE	P	G08273	NE	P	G08297	NE	P
G08177	RS	G	G08201	CR	P	G08225	NE	P	G08250	BL	P	G08274	BL	P	G08298	RJ	M
G08178	CR	G	G08202	BL	P	G08226	NE	P	G08251	BL	P	G08275	NE	P	G08299	NE	P
G08179	CR	G	G08203	RS	M	G08227	CR	M	G08252	MR	P	G08276	NE	P	G08300	NE	P
G08180	CR	G	G08204	NE	M	G08228	BL	G	G08253	RJ	P	G08277	RJ	P	G08301	NE	P
G08181	CR	G	G08205	BL	P	G08229	BL	G	G08254	RJ	P	G08278	RJ	P	G08302	NE	P
G08182	MR	G	G08206	RJ	G	G08230	CF	P	G08255	RJ	P	G08279	RJ	P	G08303	NE	P
G08183	CR	M	G08207	RJ	G	G08231	CF	M	G08256	BL	P	G08280	NE	P	G08304	RJ	P
G08184	RJ	M	G08208	BL	M	G08232	BL	G	G08257	BL	P	G08281	RJ	P	G08305	RJ	P
G08185	AM	G	G08209	CR	G	G08233	CF	M	G08258	RJ	P	G08282	BL	P	G08306	NE	P

N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM
G08331	NE P	G08355	NE P	G08379	BL P	G08404	NE P	G08428	BL P	G08452	NE P	G08477	BL P
G08332	MR P	G08356	NE P	G08380	RJ P	G08405	NE P	G08429	NE P	G08453	NE P	G08478	NE P
G08333	RJ P	G08357	RJ P	G08381	MR G	G08406	RJ P	G08430	NE P	G08454	NE P	G08479	NE P
G08334	RJ P	G08358	NE P	G08382	NE P	G08407	BL P	G08431	RJ M	G08455	NE P	G08480	NE P
G08335	NE P	G08359	RJ P	G08383	NE P	G08408	NE P	G08432	NE P	G08456	NE P	G08481	NE P
G08336	NE P	G08360	NE P	G08384	NE P	G08409	NE P	G08433	RJ M	G08457	NE P	G08482	NE P
G08337	NE P	G08361	NE P	G08385	NE P	G08410	NE P	G08434	NE P	G08458	RJ P	G08483	NE P
G08338	NE M	G08362	NE P	G08386	NE P	G08411	NE P	G08435	NE P	G08459	NE P	G08484	NE P
G08339	MR P	G08363	NE M	G08387	RJ P	G08412	NE P	G08436	NE P	G08460	NE P	G08485	NE P
G08340	NE P	G08364	NE P	G08388	NE P	G08413	NE P	G08437	NE P	G08462	MR P	G08486	NE P
G08341	NE P	G08365	RJ P	G08389	RS G	G08414	BL P	G08438	MR P	G08463	NE P	G08487	NE P
G08342	NE P	G08366	NE M	G08390	RJ P	G08415	NE P	G08439	NE P	G08464	NE P	G08488	BL P
G08343	NE P	G08367	MR P	G08391	NE P	G08416	NE P	G08440	NE P	G08465	RJ P	G08489	NE P
G08344	NE P	G08368	NE P	G08392	NE M	G08417	NE P	G08441	NE P	G08466	RJ P	G08490	BL P
G08345	NE P	G08369	BL P	G08393	NE P	G08418	BL P	G08442	NE P	G08467	BL P	G08491	NE P
G08346	NE P	G08370	AM P	G08394	MR M	G08419	NE P	G08443	NE M	G08468	NE P	G08492	NE P
G08347	NE P	G08371	NE M	G08395	BL P	G08420	NE P	G08444	NE P	G08469	NE P	G08493	RJ P
G08348	RS P	G08372	NE P	G08397	RJ P	G08421	NE P	G08445	NE P	G08470	BL P	G08494	NE P
G08349	NE P	G08373	NE P	G08398	RJ P	G08422	RJ P	G08446	RJ P	G08471	RJ P	G08495	NE P
G08350	BL P	G08374	RJ P	G08399	NE P	G08423	NE M	G08447	NE P	G08472	RS P	G08496	NE P
G08351	CF P	G08375	NE P	G08400	NE P	G08424	MR P	G08448	NE P	G08473	NE P	G08497	NE P
G08352	NE P	G08376	NE P	G08401	NE P	G08425	NE P	G08449	NE P	G08474	NE P	G08498	NE P
G08353	NE P	G08377	NE P	G08402	NE P	G08426	NE P	G08450	NE P	G08475	NE P	G08499	NE P
G08354	RJ P	G08378	NE P	G08403	NE P	G08427	NE P	G08451	NE P	G08476	NE P	G08500	NE P



N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G08501	NE	P	G08525	NE	P	G08549	NE	P	G08573	NE	P	G08597	NE	P	G08621	NE	P
G08502	NE	P	G08526	NE	P	G08550	NE	P	G08574	RJ	P	G08598	NE	P	G08622	NE	P
G08503	RJ	P	G08527	NE	P	G08551	NE	P	G08575	NE	P	G08599	NE	P	G08624	NE	P
G08504	NE	P	G08528	MR	M	G08552	BL	P	G08576	BL	P	G08600	NE	P	G08625	RJ	P
G08505	NE	P	G08529	NE	P	G08553	NE	P	G08577	NE	P	G08601	NE	P	G08626	NE	P
G08506	BL	P	G08530	NE	M	G08554	NE	P	G08578	NE	P	G08602	NE	M	G08627	NE	P
G08507	NE	P	G08531	NE	P	G08555	NE	P	G08579	NE	P	G08603	RS	P	G08628	RJ	P
G08508	NE	P	G08532	RJ	P	G08556	RJ	P	G08580	NE	M	G08604	NE	P	G08629	NE	P
G08509	BL	P	G08533	RJ	P	G08557	RS	P	G08581	NE	P	G08605	NE	P	G08630	NE	P
G08510	NE	P	G08534	NE	P	G08558	NE	M	G08582	NE	P	G08606	NE	P	G08631	NE	P
G08511	NE	P	G08535	NE	P	G08559	NE	P	G08583	NE	P	G08607	NE	P	G08632	NE	P
G08512	NE	P	G08536	RJ	P	G08560	NE	P	G08584	NE	P	G08608	NE	P	G08633	MR	M
G08513	NE	P	G08537	NE	P	G08561	NE	P	G08585	NE	P	G08609	NE	P	G08634	NE	P
G08514	NE	P	G08538	NE	P	G08562	NE	P	G08586	BL	P	G08610	NE	P	G08635	NE	P
G08515	BL	P	G08539	NE	P	G08563	MR	G	G08587	NE	P	G08611	NE	P	G08636	NE	P
G08516	NE	P	G08540	NE	P	G08564	NE	P	G08588	NE	P	G08612	NE	P	G08637	NE	P
G08517	NE	P	G08541	NE	P	G08565	RJ	P	G08589	NE	P	G08613	RJ	M	G08638	NE	P
G08518	BL	P	G08542	NE	P	G08566	NE	P	G08590	NE	P	G08614	NE	P	G08639	NE	P
G08519	NE	P	G08543	NE	P	G08567	NE	P	G08591	RJ	P	G08615	NE	P	G08640	NE	P
G08520	RJ	P	G08544	RJ	P	G08568	NE	P	G08592	NE	P	G08616	NE	P	G08641	RJ	P
G08521	BL	P	G08545	NE	P	G08569	NE	P	G08593	NE	P	G08617	NE	M	G08642	RJ	M
G08522	NE	P	G08546	NE	P	G08570	NE	P	G08594	NE	P	G08618	NE	P	G08643	NE	P
G08523	NE	P	G08547	NE	P	G08571	NE	P	G08595	NE	M	G08619	RJ	P	G08644	RJ	P
G08524	NE	P	G08548	NE	P	G08572	NE	P	G08596	NE	P	G08620	RJ	P	G08645	NE	P



N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM
G08839	CR P	G08863	NE P	G08887	NE P	G08917	CR G	G08943	BL P	G08967	CF M	G08991	CF G
G08840	MR M	G08864	NE M	G08888	CF P	G08918	MR G	G08944	BL M	G08968	BL P	G08992	BL M
G08841	BL M	G08865	NE M	G08889	NE P	G08919	MR G	G08945	BL P	G08969	BL M	G08993	BL G
G08842	BL N	G08866	BL M	G08890	BL M	G08920	CR G	G08946	BL P	G08970	RJ M	G08994	CR M
G08843	BL N	G08867	BL P	G08891	CF P	G08921	CR G	G08947	CF M	G08971	MR G	G08995	BL P
G08844	BL P	G08868	NE M	G08894	AM G	G08923	CF G	G08948	CP P	G08972	BL M	G08996	BL P
G08845	BL M	G08869	NE P	G08896	RJ P	G08924	NE G	G08949	BL P	G08973	CR M	G08997	BL M
G08846	BL P	G08870	CF G	G08897	AM G	G08926	MR G	G08950	BL P	G08974	CR M	G08998	RJ M
G08847	BL M	G08871	BL M	G08898	CF G	G08927	CR G	G08951	CF M	G08975	BL P	G08999	AM M
G08848	CF M	G08872	AM P	G08899	CR G	G08928	CR G	G08952	BL P	G08976	BL P	G09000	AM M
G08849	CR M	G08873	NE M	G08900	MR G	G08929	AM G	G08953	BL P	G08977	BL P	G09001	AM M
G08850	AM M	G08874	BL M	G08902	MR G	G08930	MR G	G08954	BL P	G08978	AM M	G09002	CF M
G08851	BL M	G08875	BL P	G08904	CR G	G08931	MR G	G08955	BL M	G08979	AM M	G09003	AM P
G08852	BL M	G08876	AM M	G08905	CR G	G08932	BL P	G08956	BL P	G08980	BL P	G09004	CF M
G08853	BL M	G08877	BL P	G08906	CR G	G08933	BL P	G08957	BL M	G08981	AM M	G09005	MR M
G08854	RS M	G08878	BL P	G08907	CR G	G08934	BL G	G08958	MR M	G08982	AM P	G09006	NE P
G08855	BL P	G08879	BL P	G08908	CR G	G08935	BL M	G08959	CR G	G08983	BL P	G09007	RJ P
G08856	NE P	G08880	BL M	G08910	CR G	G08936	BL M	G08960	AM M	G08984	BL P	G09008	BL M
G08857	BL M	G08881	BL P	G08911	CR G	G08937	BL M	G08961	NE M	G08985	BL M	G09009	BL G
G08858	CR M	G08882	BL P	G08912	CR G	G08938	CR P	G08962	BL M	G08986	BL P	G09010	CF M
G08859	RS P	G08883	RS M	G08913	CR G	G08939	BL M	G08963	BL M	G08987	BL M	G09011	CR G
G08860	RJ M	G08884	AM M	G08914	MR G	G08940	BL P	G08964	BL M	G08988	BL M	G09012	BL P
G08861	BL P	G08885	BL P	G08915	CR G	G08941	RS M	G08965	BL P	G08989	BL M	G09013	CR G
G08862	CR M	G08886	BL P	G08916	CR G	G08942	RJ M	G08966	MR G	G08990	BL P	G09014	CF M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G09015	BL	P	G09039	CF	M	G09063	NE	P	G09092	RJ	G	G09120	RS	P	G09152	NE	P
G09016	RJ	P	G09040	BL	P	G09064	AM	G	G09093	NE	P	G09121	RS	P	G09153	AM	G
G09017	RS	M	G09041	BL	M	G09065	AM	M	G09095	AM	M	G09122	NE	P	G09154	RS	G
G09018	BL	P	G09042	AM	M	G09066	BL	M	G09096	CF	M	G09123	CF	M	G09155	NE	M
G09019	BL	P	G09043	BL	M	G09067	AM	P	G09097	BL	P	G09124	CF	M	G09156	RJ	P
G09020	BL	P	G09044	BL	P	G09068	NE	M	G09098	BL	P	G09125	CF	M	G09157	RJ	P
G09021	CF	M	G09045	BL	M	G09069	BL	P	G09099	NE	P	G09126	CF	M	G09158	RJ	P
G09022	MR	P	G09046	BL	P	G09070	BL	P	G09100	NE	P	G09127	NE	M	G09159	RJ	M
G09023	AM	M	G09047	AM	M	G09071	AM	G	G09101	BL	M	G09128	NE	G	G09160	NE	P
G09024	RS	P	G09048	BL	M	G09072	RS	P	G09102	NE	P	G09131	RJ	P	G09161	CF	M
G09025	RJ	M	G09049	BL	P	G09073	RS	P	G09103	CR	M	G09132	NE	P	G09162	RJ	G
G09026	BL	P	G09050	BL	P	G09074	AM	M	G09106	BL	P	G09133	BL	P	G09163	AM	M
G09027	BL	M	G09051	NE	M	G09075	CR	M	G09107	CR	M	G09134	BL	P	G09164	RJ	G
G09028	AM	P	G09052	BL	M	G09077	NE	P	G09108	CR	P	G09135	RS	M	G09165	BL	P
G09029	RS	G	G09053	BL	P	G09079	CR	P	G09110	AM	M	G09137	RS	M	G09166	CR	M
G09030	BL	P	G09054	NE	P	G09080	CR	M	G09111	CF	P	G09140	CF	M	G09167	AM	M
G09031	BL	P	G09055	AM	P	G09081	BL	M	G09112	MR	P	G09142	CF	P	G09168	CR	M
G09032	BL	G	G09056	BL	M	G09082	BL	M	G09113	CF	P	G09143	NE	M	G09169	RJ	G
G09033	BL	M	G09057	AM	M	G09083	AM	P	G09114	NE	P	G09146	CR	G	G09170	BL	M
G09034	BL	P	G09058	BL	G	G09084	BL	P	G09115	NE	P	G09147	CR	M	G09171	NE	P
G09035	NE	P	G09059	BL	P	G09085	NE	M	G09116	CR	P	G09148	CR	G	G09172	NE	P
G09036	MR	P	G09060	NE	M	G09087	CF	P	G09117	CR	M	G09149	NE	M	G09173	NE	P
G09037	BL	P	G09061	BL	G	G09090	RS	M	G09118	CR	P	G09150	BL	P	G09174	RJ	M
G09038	BL	M	G09062	AM	M	G09091	BL	M	G09119	RJ	P	G09151	AM	P	G09175	RS	P

N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM
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G09202	BL	P	G09228	CR	M	G09253	NE	M	G09278	CF	P	G09302	BL	M	G09326	BL	M
G09203	CF	M	G09229	BL	M	G09254	NE	M	G09279	RJ	M	G09303	BL	P	G09327	NE	P
G09204	CR	P	G09230	AM	G	G09255	CR	P	G09280	RJ	M	G09304	AM	G	G09328	RJ	G
G09205	BL	G	G09231	CR	P	G09256	AM	M	G09281	RJ	P	G09305	CF	M	G09329	NE	G
G09207	BL	G	G09232	NE	P	G09257	AM	M	G09282	RS	P	G09306	BL	P	G09330	CR	P
G09208	RJ	P	G09233	MR	G	G09258	NE	M	G09283	CF	P	G09307	AM	M	G09331	BL	M
G09209	CR	M	G09234	AM	P	G09259	NE	P	G09284	NE	P	G09308	MR	M	G09332	RJ	M
G09210	RS	P	G09235	NE	P	G09260	CR	P	G09285	NE	P	G09309	BL	P	G09333	CR	P
G09211	RJ	P	G09236	AM	M	G09261	NE	M	G09286	NE	P	G09310	CF	P	G09334	BL	M
G09212	CR	P	G09237	CF	G	G09262	RJ	M	G09287	BL	M	G09311	BL	P	G09335	MR	M
G09213	CF	M	G09238	CR	P	G09263	RJ	M	G09288	NE	P	G09312	CR	M	G09336	NE	P
G09214	CR	M	G09240	RS	M	G09264	RJ	P	G09289	CF	M	G09313	BL	M	G09337	BL	P
G09215	RS	M	G09241	CR	M	G09265	BL	P	G09290	BL	P	G09314	AM	P	G09338	CR	M
G09216	CR	M	G09242	NE	P	G09266	BL	P	G09291	BL	P	G09315	BL	P	G09339	CR	P
G09217	MR	M	G09243	CR	M	G09268	BL	M	G09292	NE	P	G09316	AM	M	G09340	BL	M
G09218	AM	M	G09244	CR	M	G09269	BL	M	G09293	BL	P	G09317	RS	M	G09341	BL	P
G09219	CR	M	G09245	CF	G	G09270	BL	M	G09294	BL	P	G09318	RJ	M	G09342	BL	P
G09220	CF	M	G09246	CF	M	G09271	BL	G	G09295	RJ	M	G09319	RJ	P	G09343	BL	M
G09222	AM	P	G09247	NE	M	G09272	BL	P	G09296	BL	P	G09320	CR	M	G09344	CF	M
G09223	RJ	M	G09248	NE	M	G09273	BL	M	G09297	CR	M	G09321	BL	P	G09345	BL	P
G09224	AM	M	G09249	NE	M	G09274	BL	M	G09298	BL	P	G09322	BL	P	G09346	AM	P
G09225	CF	M	G09250	CF	M	G09275	BL	M	G09299	NE	P	G09323	BL	P	G09347	CR	M
G09226	NE	P	G09251	CF	M	G09276	BL	M	G09300	NE	P	G09324	CR	M	G09348	AM	M
G09227	NE	M	G09252	NE	P	G09277	CR	M	G09301	BL	P	G09325	NE	P	G09349	BL	M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G09374	RJ	G	G09398	RS	P	G09422	NE	P	G09446	BL	M	G09472	RJ	P	G09497	RJ	M
G09375	AM	G	G09399	NE	G	G09423	MR	P	G09447	AM	G	G09473	RJ	M	G09498	BL	M
G09376	CR	M	G09400	BL	M	G09424	BL	M	G09448	AM	M	G09474	NE	P	G09499	AM	G
G09377	CF	M	G09401	CF	M	G09425	MR	M	G09449	CR	G	G09475	NE	M	G09500	AM	M
G09378	BL	P	G09402	BL	M	G09426	AM	M	G09450	RS	P	G09476	RJ	P	G09501	BL	M
G09379	MR	P	G09403	CF	P	G09427	MR	M	G09451	AM	M	G09477	MR	G	G09502	BL	P
G09380	MR	M	G09404	CF	M	G09428	BL	P	G09452	CR	M	G09478	RJ	G	G09503	BL	P
G09381	NE	M	G09405	CF	P	G09429	BL	M	G09453	RS	M	G09479	NE	M	G09504	BL	P
G09382	NE	M	G09406	BL	M	G09430	BL	M	G09454	BL	M	G09480	NE	P	G09505	BL	P
G09383	MR	G	G09407	BL	M	G09431	BL	G	G09455	BL	M	G09481	AM	M	G09506	RS	G
G09384	CR	M	G09408	AM	P	G09432	BL	G	G09456	AM	P	G09482	RJ	M	G09507	RS	M
G09385	AM	M	G09409	MR	M	G09433	BL	P	G09458	CR	P	G09483	NE	P	G09508	CR	P
G09386	RJ	P	G09410	BL	M	G09434	BL	P	G09459	AM	P	G09484	NE	M	G09509	NE	P
G09387	AM	P	G09411	CF	P	G09435	BL	P	G09460	NE	M	G09485	NE	P	G09510	AM	M
G09388	CF	M	G09412	BL	P	G09436	BL	P	G09461	NE	P	G09486	NE	M	G09511	BL	M
G09389	CF	M	G09413	BL	P	G09437	MR	P	G09462	NE	P	G09487	NE	M	G09512	BL	P
G09390	BL	P	G09414	CR	G	G09438	BL	P	G09463	NE	P	G09488	BL	M	G09513	BL	P
G09391	CF	M	G09415	AM	P	G09439	BL	P	G09464	NE	P	G09489	NE	P	G09514	BL	P
G09392	NE	P	G09416	CR	P	G09440	CR	P	G09465	NE	M	G09490	NE	P	G09515	CR	P
G09393	AM	M	G09417	CR	M	G09441	CR	M	G09466	NE	P	G09491	MR	M	G09516	BL	M
G09394	BL	M	G09418	CR	M	G09442	RJ	P	G09467	NE	M	G09492	NE	P	G09517	BL	P
G09395	CF	M	G09419	CR	M	G09443	NE	M	G09468	NE	P	G09493	CF	M	G09518	BL	P
G09396	NE	P	G09420	RS	P	G09444	BL	P	G09469	BL	P	G09495	NE	P	G09519	BL	M
G09397	BL	P	G09421	CR	M	G09445	BL	P	G09471	BL	P	G09496	BL	P	G09520	BL	P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G09547	NE	M	G09571	NE	M	G09595	BL	P	G09620	AM	G	G09645	BL	P	G09669	NE	P
G09548	CR	M	G09572	NE	P	G09596	NE	P	G09621	RJ	P	G09646	MR	G	G09670	NE	P
G09549	RJ	P	G09573	NE	P	G09597	NE	P	G09622	RJ	P	G09647	MR	G	G09671	NE	P
G09550	NE	P	G09574	NE	P	G09598	NE	P	G09623	AM	G	G09648	BL	P	G09672	NE	P
G09551	BL	P	G09575	RJ	P	G09599	NE	P	G09624	BL	P	G09649	BL	P	G09673	NE	P
G09552	BL	P	G09576	BL	P	G09600	CF	M	G09625	BL	P	G09650	AM	G	G09674	NE	P
G09553	MR	G	G09577	RJ	P	G09601	NE	P	G09626	BL	P	G09651	AM	M	G09675	NE	P
G09554	NE	M	G09578	NE	P	G09602	AM	M	G09627	RJ	G	G09652	AM	M	G09676	NE	P
G09555	NE	P	G09579	BL	M	G09603	AM	M	G09628	RJ	M	G09653	AM	M	G09677	AM	G
G09556	BL	P	G09580	NE	M	G09604	CF	M	G09629	CR	M	G09654	CF	P	G09678	AM	M
G09557	NE	P	G09581	NE	M	G09605	CF	M	G09630	CF	M	G09655	AM	M	G09679	AM	M
G09558	NE	M	G09582	NE	M	G09606	BL	P	G09631	CR	G	G09656	CR	P	G09680	AM	M
G09559	NE	P	G09583	NE	M	G09607	NE	P	G09632	MR	M	G09657	NE	P	G09681	AM	M
G09560	NE	P	G09584	NE	M	G09608	BL	P	G09633	CR	M	G09658	NE	P	G09682	AM	M
G09561	NE	P	G09585	BL	P	G09609	NE	P	G09634	RS	G	G09659	NE	P	G09683	AM	G
G09562	NE	P	G09586	NE	M	G09611	BL	P	G09635	NE	P	G09660	NE	P	G09684	AM	M
G09563	NE	M	G09587	NE	P	G09612	RS	M	G09636	NE	P	G09661	NE	P	G09685	AM	M
G09564	RJ	P	G09588	NE	P	G09613	NE	P	G09637	NE	P	G09662	NE	P	G09686	AM	M
G09565	NE	M	G09589	NE	P	G09614	NE	P	G09639	CR	P	G09663	NE	P	G09687	AM	M
G09566	RJ	P	G09590	NE	P	G09615	NE	P	G09640	CR	P	G09664	NE	P	G09688	NE	P
G09567	NE	P	G09591	NE	P	G09616	NE	P	G09641	CR	G	G09665	NE	P	G09689	NE	P
G09568	NE	P	G09592	NE	P	G09617	MR	P	G09642	RJ	G	G09666	NE	P	G09690	AM	M
G09569	BL	M	G09593	NE	P	G09618	BL	P	G09643	BL	P	G09667	NE	P	G09691	AM	M
G09570	NE	P	G09594	MR	M	G09619	RJ	M	G09644	BL	P	G09668	NE	P	G09692	AM	M

N_C IAT	CP	TM	N_C IAT	CP	TM	N_C IAT	CP	TM	N_C IAT	CP	TM	N_C IAT	CP	TM	N_C IAT	CP	TM
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G09717	AM	M	G09741	AM	M	G09765	CR	P	G09789	RJ	G	G09811	AM	M	G09834	AM	G
G09718	AM	M	G09742	AM	M	G09766	AM	M	G09790	CR	M	G09812	CR	G	G09835	CF	G
G09719	AM	M	G09743	AM	M	G09767	AM	P	G09791	CR	M	G09813	AM	M	G09836	RJ	G
G09720	AM	M	G09744	CF	M	G09768	CF	M	G09792	AM	M	G09814	AM	P	G09837	RJ	G
G09721	CR	P	G09745	MR	G	G09769	A' G		G09793	CR	M	G09815	AM	M	G09838	RS	G
G09722	CF	P	G09746	CR	M	G09770	CR	M	G09794	AM	M	G09816	BL	P	G09839	RJ	G
G09723	AM	M	G09747	RS	M	G09771	AM	M	G09795	NE	P	G09817	AM	M	G09840	NE	P
G09724	RJ	M	G09748	AM	M	G09772	CR	P	G09797	AM	P	G09818	AM	M	G09841	BL	P
G09725	AM	M	G09749	AM	M	G09773	CR	P	G09798	NE	M	G09819	AM	M	G09842	MR	G
G09726	AM	M	G09750	RS	M	G09774	CR	G	G09799	CR	M	G09820	AM	M	G09843	RJ	G
G09727	AM	M	G09751	RS	M	G09775	CR	M	G09800	CR	G	G09821	AM	M	G09844	AM	G
G09728	AM	M	G09752	RJ	P	G09776	AM	M	G09801	CR	G	G09822	AM	M	G09845	NE	P
G09729	AM	M	G09753	CF	M	G09776A	CR	P	G09802	AM	M	G09822A	AM	P	G09846	RS	G
G09730	AM	M	G09754	RS	M	G09777	AM	M	G09803	AM	M	G09823	NE	P	G09847	AM	M
G09731	CR	M	G09755	CR	M	G09778	AM	M	G09803A	AM	P	G09824	CR	P	G09848	CR	M
G09732	AM	M	G09756	RS	M	G09779	AM	M	G09803B	NE	P	G09825	AM	M	G09849	CR	M
G09733	AM	M	G09757	CR	P	G09780	CF	G	G09804	AM	M	G09826	CR	G	G09850	NE	P
G09734	CR	M	G09758	CR	M	G09782	AM	P	G09805	CR	M	G09827	AM	M	G09851	RJ	G
G09735	AM	M	G09759	CR	M	G09783	CR	P	G09806	AM	M	G09828	CR	M	G09852	NE	M
G09736	RS	G	G09760	CR	G	G09784	CR	M	G09807	CR	P	G09829	CR	M	G09854	AM	G
G09737	CR	G	G09761	AM	G	G09785	AM	M	G09807A	CR	M	G09830	CR	P	G09855	AM	G
G09738	CR	G	G09762	CR	M	G09786	AM	G	G09808	CR	M	G09831	BL	M	G09856	AM	M
G09739	CR	P	G09763	CR	M	G09787	NE	M	G09809	AM	M	G09832	CR	G	G09857	BL	M
G09740	CR	G	G09764	CR	M	G09788	CR	G	G09810	AM	M	G09833	BL	G	G09858	BL	P



N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
G09884	AM P	G09908	NE P	G09932	CR G	G09956	NE P	G09980	CF P	G09987E	MR P	G10008A	CF P
G09885	AM M	G09909	NE P	G09933	MR M	G09957	NE P	G09981	NE P	G09987F	AM P	G10009	OT P
G09886	NE M	G09910	NE P	G09934	CR G	G09958	NE P	G09981A	NE P	G09988	CR P	G10010	CF P
G09887	CR M	G09911	NE P	G09935	CR G	G09959	NE P	G09981B	CF P	G09989	CF P	G10010A	CF P
G09888	CR M	G09912	AM G	G09936	CR G	G09960	NE P	G09981C	NE P	G09989A	CF P	G10011	OT P
G09889	CR M	G09913	NE P	G09937	CF M	G09961	NE P	G09981D	NE P	G09989B	CF P	G10012	CF P
G09890	NE M	G09914	NE P	G09938	CR G	G09962	NE P	G09981E	CF P	G09993	CF P	G10012A	CF P
G09891	CP M	G09915	NE P	G09939	AM G	G09963	NE P	G09981F	CF P	G09994	CR P	G10013	CF P
G09892	CR M	G09916	NE P	G09940	CR P	G09964	NE P	G09982	NE P	G09995	CR P	G10013A	CF P
G09893	CR M	G09917	NE P	G09941	RS M	G09965	NE P	G09983	NE P	G09996	CF P	G10014	OT P
G09894	CR M	G09918	NE P	G09942	AM G	G09966	NE P	G09984	NE P	G09997	CF P	G10015	CF P
G09895	CR G	G09919	AM M	G09943	AM G	G09967	NE P	G09985	CR P	G09998	AM P	G10016	CF P
G09896	CR M	G09920	NE P	G09944	AM G	G09968	NE P	G09986	CF P	G09998A	AM P	G10016A	CF P
G09897	CF M	G09921	NE P	G09945	NE P	G09969	NE P	G09986A	CR P	G09999	BL G	G10017	CF P
G09898	NE P	G09922	NE P	G09946	NE P	G09970	NE P	G09986B	AM P	G10001	CF P	G10017A	CF P
G09899	AM M	G09923	NE P	G09947	NE P	G09971	NE P	G09986C	CF P	G10001A	CF P	G10018	OT P
G09900	NE G	G09924	NE P	G09948	NE P	G09972	NE P	G09986D	CF P	G10002	CF P	G10018A	CF P
G09901	NE P	G09925	AM M	G09949	NE P	G09973	NE P	G09986E	CF P	G10002A	CF P	G10019	CR P
G09902	NE P	G09926	NE P	G09950	NE P	G09974	AM M	G09986F	NE P	G10003	OT P	G10019A	CF P
G09903	NE M	G09927	NE P	G09951	NE P	G09975	CR G	G09987	AM P	G10004	OT P	G10020	CF P
G09904	NE M	G09928	NE P	G09952	NE P	G09976	CR G	G09987A	AM P	G10005	OT P	G10020A	CF P
G09905	CR M	G09929	MR M	G09953	NE P	G09977	NE P	G09987B	CF P	G10006	CF P	G10021	OT P
G09906	NE M	G09930	AM G	G09954	NE P	G09978	AM P	G09987C	AM P	G10007	CF P	G10022	OT P
G09907	NE M	G09931	AM G	G09955	NE P	G09979	AM G	G09987D	AM P	G10008	CF P	G10023	CR P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G08162	RS	M	G08186	RJ	M	G08210	CF	G	G08234	NE	M	G08259	BL	P	G08283	NE	P
G08163	CR	G	G08187	RJ	M	G08211	CR	G	G08235	NE	G	G08260	NE	P	G08284	RS	P
G08164	CP	M	G08188	CR	G	G08212	CF	G	G08236	CR	G	G08261	AM	M	G08285	BL	P
G08165	NE	G	G08189	CR	G	G08213	CR	G	G08237	NE	P	G08262	NE	P	G08286	RJ	P
G08166	AM	M	G08190	CR	G	G08214	BL	G	G08238	BL	P	G08263	NE	P	G08287	NE	P
G08167	RS	M	G08191	CR	G	G08215	RJ	G	G08239	AM	P	G08264	NE	P	G08288	NE	P
G08168	OT	P	G08192	AM	M	G08216	RJ	P	G08240	NE	M	G08265	NE	P	G08289	NE	P
G08169	MR	M	G08193	BL	P	G08217	CR	G	G08242	CR	P	G08266	NE	P	G08290	NE	P
G08170	RJ	G	G08194	NE	M	G08218	RS	M	G08243	NE	P	G08267	NE	P	G08291	NE	P
G08171	RJ	G	G08195	RJ	M	G08219	BL	M	G08244	NE	P	G08268	NE	P	G08292	NE	P
G08172	CR	G	G08196	AM	M	G08220	AM	G	G08245	BL	P	G08269	RJ	P	G08293	NE	P
G08173	MR	G	G08197	CR	M	G08221	AM	G	G08246	NE	P	G08270	NE	P	G08294	NE	P
G08174	RJ	G	G08198	CR	M	G08222	CR	M	G08247	RS	P	G08271	RJ	P	G08295	RJ	P
G08175	CR	M	G08199	CR	G	G08223	MR	G	G08248	NE	M	G08272	RJ	P	G08296	NE	P
G08176	NE	P	G08200	RS	M	G08224	MR	G	G08249	NE	P	G08273	NE	P	G08297	NE	P
G08177	RS	G	G08201	CR	P	G08225	NE	P	G08250	BL	P	G08274	BL	P	G08298	RJ	M
G08178	CR	G	G08202	BL	P	G08226	NE	P	G08251	BL	P	G08275	NE	P	G08299	NE	P
G08179	CR	G	G08203	RS	M	G08227	CR	M	G08252	MR	P	G08276	NE	P	G08300	NE	P
G08180	CR	G	G08204	NE	M	G08228	BL	G	G08253	RJ	P	G08277	RJ	P	G08301	NE	P
G08181	CR	G	G08205	BL	P	G08229	BL	G	G08254	RJ	P	G08278	RJ	P	G08302	NE	P
G08182	MR	G	G08206	RJ	G	G08230	CF	P	G08255	RJ	P	G08279	RJ	P	G08303	NE	P
G08183	CR	M	G08207	RJ	G	G08231	CF	M	G08256	BL	P	G08280	NE	P	G08304	RJ	P
G08184	RJ	M	G08208	BL	M	G08232	BL	G	G08257	BL	P	G08281	RJ	P	G08305	RJ	P
G08185	AM	G	G08209	CR	G	G08233	CF	M	G08258	RJ	P	G08282	BL	P	G08306	NE	P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G08331	NE	P	G08355	NE	P	G08379	BL	P	G08404	NE	P	G08428	BL	P	G08452	NE	P	G08477	BL	P
G08332	MR	P	G08356	NE	P	G08380	RJ	P	G08405	NE	P	G08429	NE	P	G08453	NE	P	G08478	NE	P
G08333	RJ	P	G08357	RJ	P	G08381	MR	G	G08406	RJ	P	G08430	NE	P	G08454	NE	P	G08479	NE	P
G08334	RJ	P	G08358	NE	P	G08382	NE	P	G08407	BL	P	G08431	RJ	M	G08455	NE	P	G08480	NE	P
G08335	NE	P	G08359	RJ	P	G08383	NE	P	G08408	NE	P	G08432	NE	P	G08456	NE	P	G08481	NE	P
G08336	NE	P	G08360	NE	P	G08384	NE	P	G08409	NE	P	G08433	RJ	M	G08457	NE	P	G08482	NE	P
G08337	NE	P	G08361	NE	P	G08385	NE	P	G08410	NE	P	G08434	NE	P	G08458	RJ	P	G08483	NE	P
G08338	NE	M	G08362	NE	P	G08386	NE	P	G08411	NE	P	G08435	NE	P	G08459	NE	P	G08484	NE	P
G08339	MR	P	G08363	NE	M	G08387	RJ	P	G08412	NE	P	G08436	NE	P	G08460	NE	P	G08485	NE	P
G08340	NE	P	G08364	NE	P	G08388	NE	P	G08413	NE	P	G08437	NE	P	G08462	MR	P	G08486	NE	P
G08341	NE	P	G08365	RJ	P	G08389	RS	G	G08414	BL	P	G08438	MR	P	G08463	NE	P	G08487	NE	P
G08342	NE	P	G08366	NE	M	G08390	RJ	P	G08415	NE	P	G08439	NE	P	G08464	NE	P	G08488	BL	P
G08343	NE	P	G08367	MR	P	G08391	NE	P	G08416	NE	P	G08440	NE	P	G08465	RJ	P	G08489	NE	P
G08344	NE	P	G08368	NE	P	G08392	NE	M	G08417	NE	P	G08441	NE	P	G08466	RJ	P	G08490	BL	P
G08345	NE	P	G08369	BL	P	G08393	NE	P	G08418	BL	P	G08442	NE	P	G08467	BL	P	G08491	NE	P
G08346	NE	P	G08370	AM	P	G08394	MR	M	G08419	NE	P	G08443	NE	M	G08468	NE	P	G08492	NE	P
G08347	NE	P	G08371	NE	M	G08395	BL	P	G08420	NE	P	G08444	NE	P	G08469	NE	P	G08493	RJ	P
G08348	RS	P	G08372	NE	P	G08397	RJ	P	G08421	NE	P	G08445	NE	P	G08470	BL	P	G08494	NE	P
G08349	NE	P	G08373	NE	P	G08398	RJ	P	G08422	RJ	P	G08446	RJ	P	G08471	RJ	P	G08495	NE	P
G08350	BL	P	G08374	RJ	P	G08399	NE	P	G08423	NE	M	G08447	NE	P	G08472	RS	P	G08496	NE	P
G08351	CF	P	G08375	NE	P	G08400	NE	P	G08424	MR	P	G08448	NE	P	G08473	NE	P	G08497	NE	P
G08352	NE	P	G08376	NE	P	G08401	NE	P	G08425	NE	P	G08449	NE	P	G08474	NE	P	G08498	NE	P
G08353	NE	P	G08377	NE	P	G08402	NE	P	G08426	NE	P	G08450	NE	P	G08475	NE	P	G08499	NE	P
G08354	RJ	P	G08378	NE	P	G08403	NE	P	G08427	NE	P	G08451	NE	P	G08476	NE	P	G08500	NE	P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G08501	NE	P	G08525	NE	P	G08549	NE	P	G08573	NE	P	G08597	NE	P	G08621	NE	P
G08502	NE	P	G08526	NE	P	G08550	NE	P	G08574	RJ	P	G08598	NE	P	G08622	NE	P
G08503	RJ	P	G08527	NE	P	G08551	NE	P	G08575	NE	P	G08599	NE	P	G08624	NE	P
G08504	NE	P	G08528	MR	M	G08552	BL	P	G08576	BL	P	G08600	NE	P	G08625	RJ	P
G08505	NE	P	G08529	NE	P	G08553	NE	P	G08577	NE	P	G08601	NE	P	G08626	NE	P
G08506	BL	P	G08530	NE	M	G08554	NE	P	G08578	NE	P	G08602	NE	M	G08627	NE	P
G08507	NE	P	G08531	NE	P	G08555	NE	P	G08579	NE	P	G08603	RS	P	G08628	RJ	P
G08508	NE	P	G08532	RJ	P	G08556	RJ	P	G08580	NE	M	G08604	NE	P	G08629	NE	P
G08509	BL	P	G08533	RJ	P	G08557	RS	P	G08581	NE	P	G08605	NE	P	G08630	NE	P
G08510	NE	P	G08534	NE	P	G08558	NE	M	G08582	NE	P	G08606	NE	P	G08631	NE	P
G08511	NE	P	G08535	NE	P	G08559	NE	P	G08583	NE	P	G08607	NE	P	G08632	NE	P
G08512	NE	P	G08536	RJ	P	G08560	NE	P	G08584	NE	P	G08608	NE	P	G08633	MR	M
G08513	NE	P	G08537	NE	P	G08561	NE	P	G08585	NE	P	G08609	NE	P	G08634	NE	P
G08514	NE	P	G08538	NE	P	G08562	NE	P	G08586	BL	P	G08610	NE	P	G08635	NE	P
G08515	BL	P	G08539	NE	P	G08563	MR	G	G08587	NE	P	G08611	NE	P	G08636	NE	P
G08516	NE	P	G08540	NE	P	G08564	NE	P	G08588	NE	P	G08612	NE	P	G08637	NE	P
G08517	NE	P	G08541	NE	P	G08565	RJ	P	G08589	NE	P	G08613	RJ	M	G08638	NE	P
G08518	BL	P	G08542	NE	P	G08566	NE	P	G08590	NE	P	G08614	NE	P	G08639	NE	P
G08519	NE	P	G08543	NE	P	G08567	NE	P	G08591	RJ	P	G08615	NE	P	G08640	NE	P
G08520	RJ	P	G08544	RJ	P	G08568	NE	P	G08592	NE	P	G08616	NE	P	G08641	RJ	P
G08521	BL	P	G08545	NE	P	G08569	NE	P	G08593	NE	P	G08617	NE	M	G08642	RJ	M
G08522	NE	P	G08546	NE	P	G08570	NE	P	G08594	NE	P	G08618	NE	P	G08643	NE	P
G08523	NE	P	G08547	NE	P	G08571	NE	P	G08595	NE	M	G08619	RJ	P	G08644	RJ	P
G08524	NE	P	G08548	NE	P	G08572	NE	P	G08596	NE	P	G08620	RJ	P	G08645	NE	P



N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM
G08839	CR P	G08863	NE P	G08887	NE P	G08917	CR G	G08943	BL P	G08967	CF M	G08991	CF G
G08840	MR M	G08864	NE M	G08888	CF P	G08918	MR G	G08944	BL M	G08968	BL P	G08992	BL M
G08841	BL M	G08865	NE M	G08889	NE P	G08919	MR G	G08945	BL P	G08969	BL M	G08993	BL G
G08842	BL N	G08866	BL M	G08890	BL M	G08920	CR G	G08946	BL P	G08970	RJ M	G08994	CR M
G08843	BL N	G08867	BL P	G08891	CF P	G08921	CR G	G08947	CF M	G08971	MR G	G08995	BL P
G08844	BL P	G08868	NE M	G08894	AM G	G08923	CF G	G08948	CP P	G08972	BL M	G08996	BL P
G08845	BL M	G08869	NE P	G08896	RJ P	G08924	NE G	G08949	BL P	G08973	CR M	G08997	BL M
G08846	BL P	G08870	CF G	G08897	AM G	G08926	MR G	G08950	BL P	G08974	CR M	G08998	RJ M
G08847	BL M	G08871	BL M	G08898	CF G	G08927	CR G	G08951	CF M	G08975	BL P	G08999	AM M
G08848	CF M	G08872	AM P	G08899	CR G	G08928	CR G	G08952	BL P	G08976	BL P	G09000	AM M
G08849	CR M	G08873	NE M	G08900	MR G	G08929	AM G	G08953	BL P	G08977	BL P	G09001	AM M
G08850	AM M	G08874	BL M	G08902	MR G	G08930	MR G	G08954	BL P	G08978	AM M	G09002	CF M
G08851	BL M	G08875	BL P	G08904	CR G	G08931	MR G	G08955	BL M	G08979	AM M	G09003	AM P
G08852	BL M	G08876	AM M	G08905	CR G	G08932	BL P	G08956	BL P	G08980	BL P	G09004	CF M
G08853	BL M	G08877	BL P	G08906	CR G	G08933	BL P	G08957	BL M	G08981	AM M	G09005	MR M
G08854	RS M	G08878	BL P	G08907	CR G	G08934	BL G	G08958	MR M	G08982	AM P	G09006	NE P
G08855	BL P	G08879	BL P	G08908	CR G	G08935	BL M	G08959	CR G	G08983	BL P	G09007	RJ P
G08856	NE P	G08880	BL M	G08910	CR G	G08936	BL M	G08960	AM M	G08984	BL P	G09008	BL M
G08857	BL M	G08881	BL P	G08911	CR G	G08937	BL M	G08961	NE M	G08985	BL M	G09009	BL G
G08858	CR M	G08882	BL P	G08912	CR G	G08938	CR P	G08962	BL M	G08986	BL P	G09010	CF M
G08859	RS P	G08883	RS M	G08913	CR G	G08939	BL M	G08963	BL M	G08987	BL M	G09011	CR G
G08860	RJ M	G08884	AM M	G08914	MR G	G08940	BL P	G08964	BL M	G08988	BL M	G09012	BL P
G08861	BL P	G08885	BL P	G08915	CR G	G08941	RS M	G08965	BL P	G08989	BL M	G09013	CR G
G08862	CR M	G08886	BL P	G08916	CR G	G08942	RJ M	G08966	MR G	G08990	BL P	G09014	CF M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G09015	BL	P	G09039	CF	M	G09063	NE	P	G09092	RJ	G	G09120	RS	P	G09152	NE	P
G09016	RJ	P	G09040	BL	P	G09064	AM	G	G09093	NE	P	G09121	RS	P	G09153	AM	G
G09017	RS	M	G09041	BL	M	G09065	AM	M	G09095	AM	M	G09122	NE	P	G09154	RS	G
G09018	BL	P	G09042	AM	M	G09066	BL	M	G09096	CF	M	G09123	CF	M	G09155	NE	M
G09019	BL	P	G09043	BL	M	G09067	AM	P	G09097	BL	P	G09124	CF	M	G09156	RJ	P
G09020	BL	P	G09044	BL	P	G09068	NE	M	G09098	BL	P	G09125	CF	M	G09157	RJ	P
G09021	CF	M	G09045	BL	M	G09069	BL	P	G09099	NE	P	G09126	CF	M	G09158	RJ	P
G09022	MR	P	G09046	BL	P	G09070	BL	P	G09100	NE	P	G09127	NE	M	G09159	RJ	M
G09023	AM	M	G09047	AM	M	G09071	AM	G	G09101	BL	M	G09128	NE	G	G09160	NE	P
G09024	RS	P	G09048	BL	M	G09072	RS	P	G09102	NE	P	G09131	RJ	P	G09161	CF	M
G09025	RJ	M	G09049	BL	P	G09073	RS	P	G09103	CR	M	G09132	NE	P	G09162	RJ	G
G09026	BL	P	G09050	BL	P	G09074	AM	M	G09106	BL	P	G09133	BL	P	G09163	AM	M
G09027	BL	M	G09051	NE	M	G09075	CR	M	G09107	CR	M	G09134	BL	P	G09164	RJ	G
G09028	AM	P	G09052	BL	M	G09077	NE	P	G09108	CR	P	G09135	RS	M	G09165	BL	P
G09029	RS	G	G09053	BL	P	G09079	CR	P	G09110	AM	M	G09137	RS	M	G09166	CR	M
G09030	BL	P	G09054	NE	P	G09080	CR	M	G09111	CF	P	G09140	CF	M	G09167	AM	M
G09031	BL	P	G09055	AM	P	G09081	BL	M	G09112	MR	P	G09142	CF	P	G09168	CR	M
G09032	BL	G	G09056	BL	M	G09082	BL	M	G09113	CF	P	G09143	NE	M	G09169	RJ	G
G09033	BL	M	G09057	AM	M	G09083	AM	P	G09114	NE	P	G09146	CR	G	G09170	BL	M
G09034	BL	P	G09058	BL	G	G09084	BL	P	G09115	NE	P	G09147	CR	M	G09171	NE	P
G09035	NE	P	G09059	BL	P	G09085	NE	M	G09116	CR	P	G09148	CR	G	G09172	NE	P
G09036	MR	P	G09060	NE	M	G09087	CF	P	G09117	CR	M	G09149	NE	M	G09173	NE	P
G09037	BL	P	G09061	BL	G	G09090	RS	M	G09118	CR	P	G09150	BL	P	G09174	RJ	M
G09038	BL	M	G09062	AM	M	G09091	BL	M	G09119	RJ	P	G09151	AM	P	G09175	RS	P

N_CIAI	CP	TM	N_CIAI	CP	TM	N_CIAI	CP	TM	N_CIAI	CP	TM	N_CIAI	CP	TM	N_CIAI	CP	TM
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G09202	BL	P	G09228	CR	M	G09253	NE	M	G09278	CF	P	G09302	BL	M	G09326	BL	M
G09203	CF	M	G09229	BL	M	G09254	NE	M	G09279	RJ	M	G09303	BL	P	G09327	NE	P
G09204	CR	P	G09230	AM	G	G09255	CR	P	G09280	RJ	M	G09304	AM	G	G09328	RJ	G
G09205	BL	G	G09231	CR	P	G09256	AM	M	G09281	RJ	P	G09305	CF	M	G09329	NE	G
G09207	BL	G	G09232	NE	P	G09257	AM	M	G09282	RS	P	G09306	BL	P	G09330	CR	P
G09208	RJ	P	G09233	MR	G	G09258	NE	M	G09283	CF	P	G09307	AM	M	G09331	BL	M
G09209	CR	M	G09234	AM	P	G09259	NE	P	G09284	NE	P	G09308	MR	M	G09332	RJ	M
G09210	RS	P	G09235	NE	P	G09260	CR	P	G09285	NE	P	G09309	BL	P	G09333	CR	P
G09211	RJ	P	G09236	AM	M	G09261	NE	M	G09286	NE	P	G09310	CF	P	G09334	BL	M
G09212	CR	P	G09237	CF	G	G09262	RJ	M	G09287	BL	M	G09311	BL	P	G09335	MR	M
G09213	CF	M	G09238	CR	P	G09263	RJ	M	G09288	NE	P	G09312	CR	M	G09336	NE	P
G09214	CR	M	G09240	RS	M	G09264	RJ	P	G09289	CF	M	G09313	BL	M	G09337	BL	P
G09215	RS	M	G09241	CR	M	G09265	BL	P	G09290	BL	P	G09314	AM	P	G09338	CR	M
G09216	CR	M	G09242	NE	P	G09266	BL	P	G09291	BL	P	G09315	BL	P	G09339	CR	P
G09217	MR	M	G09243	CR	M	G09268	BL	M	G09292	NE	P	G09316	AM	M	G09340	BL	M
G09218	AM	M	G09244	CR	M	G09269	BL	M	G09293	BL	P	G09317	RS	M	G09341	BL	P
G09219	CR	M	G09245	CF	G	G09270	BL	M	G09294	BL	P	G09318	RJ	M	G09342	BL	P
G09220	CF	M	G09246	CF	M	G09271	BL	G	G09295	RJ	M	G09319	RJ	P	G09343	BL	M
G09222	AM	P	G09247	NE	M	G09272	BL	P	G09296	BL	P	G09320	CR	M	G09344	CF	M
G09223	RJ	M	G09248	NE	M	G09273	BL	M	G09297	CR	M	G09321	BL	P	G09345	BL	P
G09224	AM	M	G09249	NE	M	G09274	BL	M	G09298	BL	P	G09322	BL	P	G09346	AM	P
G09225	CF	M	G09250	CF	M	G09275	BL	M	G09299	NE	P	G09323	BL	P	G09347	CR	M
G09226	NE	P	G09251	CF	M	G09276	BL	M	G09300	NE	P	G09324	CR	M	G09348	AM	M
G09227	NE	M	G09252	NE	P	G09277	CR	M	G09301	BL	P	G09325	NE	P	G09349	BL	M



N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G09374	RJ	G	G09398	RS	P	G09422	NE	P	G09446	BL	M	G09472	RJ	P	G09497	RJ	M
G09375	AM	G	G09399	NE	G	G09423	MR	P	G09447	AM	G	G09473	RJ	M	G09498	BL	M
G09376	CR	M	G09400	BL	M	G09424	BL	M	G09448	AM	M	G09474	NE	P	G09499	AM	G
G09377	CF	M	G09401	CF	M	G09425	MR	M	G09449	CR	G	G09475	NE	M	G09500	AM	M
G09378	BL	P	G09402	BL	M	G09426	AM	M	G09450	RS	P	G09476	RJ	P	G09501	BL	M
G09379	MR	P	G09403	CF	P	G09427	MR	M	G09451	AM	M	G09477	MR	G	G09502	BL	P
G09380	MR	M	G09404	CF	M	G09428	BL	P	G09452	CR	M	G09478	RJ	G	G09503	BL	P
G09381	NE	M	G09405	CF	P	G09429	BL	M	G09453	RS	M	G09479	NE	M	G09504	BL	P
G09382	NE	M	G09406	BL	M	G09430	BL	M	G09454	BL	M	G09480	NE	P	G09505	BL	P
G09383	MR	G	G09407	BL	M	G09431	BL	G	G09455	BL	M	G09481	AM	M	G09506	RS	G
G09384	CR	M	G09408	AM	P	G09432	BL	G	G09456	AM	P	G09482	RJ	M	G09507	RS	M
G09385	AM	M	G09409	MR	M	G09433	BL	P	G09458	CR	P	G09483	NE	P	G09508	CR	P
G09386	RJ	P	G09410	BL	M	G09434	BL	P	G09459	AM	P	G09484	NE	M	G09509	NE	P
G09387	AM	P	G09411	CF	P	G09435	BL	P	G09460	NE	M	G09485	NE	P	G09510	AM	M
G09388	CF	M	G09412	BL	P	G09436	BL	P	G09461	NE	P	G09486	NE	M	G09511	BL	M
G09389	CF	M	G09413	BL	P	G09437	MR	P	G09462	NE	P	G09487	NE	M	G09512	BL	P
G09390	BL	P	G09414	CR	G	G09438	BL	P	G09463	NE	P	G09488	BL	M	G09513	BL	P
G09391	CF	M	G09415	AM	P	G09439	BL	P	G09464	NE	P	G09489	NE	P	G09514	BL	P
G09392	NE	P	G09416	CR	P	G09440	CR	P	G09465	NE	M	G09490	NE	P	G09515	CR	P
G09393	AM	M	G09417	CR	M	G09441	CR	M	G09466	NE	P	G09491	MR	M	G09516	BL	M
G09394	BL	M	G09418	CR	M	G09442	RJ	P	G09467	NE	M	G09492	NE	P	G09517	BL	P
G09395	CF	M	G09419	CR	M	G09443	NE	M	G09468	NE	P	G09493	CF	M	G09518	BL	P
G09396	NE	P	G09420	RS	P	G09444	BL	P	G09469	BL	P	G09495	NE	P	G09519	BL	M
G09397	BL	P	G09421	CR	M	G09445	BL	P	G09471	BL	P	G09496	BL	P	G09520	BL	P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G09547	NE	M	G09571	NE	M	G09595	BL	P	G09620	AM	G	G09645	BL	P	G09669	NE	P
G09548	CR	M	G09572	NE	P	G09596	NE	P	G09621	RJ	P	G09646	MR	G	G09670	NE	P
G09549	RJ	P	G09573	NE	P	G09597	NE	P	G09622	RJ	P	G09647	MR	G	G09671	NE	P
G09550	NE	P	G09574	NE	P	G09598	NE	P	G09623	AM	G	G09648	BL	P	G09672	NE	P
G09551	BL	P	G09575	RJ	P	G09599	NE	P	G09624	BL	P	G09649	BL	P	G09673	NE	P
G09552	BL	P	G09576	BL	P	G09600	CF	M	G09625	BL	P	G09650	AM	G	G09674	NE	P
G09553	MR	G	G09577	RJ	P	G09601	NE	P	G09626	BL	P	G09651	AM	M	G09675	NE	P
G09554	NE	M	G09578	NE	P	G09602	AM	M	G09627	RJ	G	G09652	AM	M	G09676	NE	P
G09555	NE	P	G09579	BL	M	G09603	AM	M	G09628	RJ	M	G09653	AM	M	G09677	AM	G
G09556	BL	P	G09580	NE	M	G09604	CF	M	G09629	CR	M	G09654	CF	P	G09678	AM	M
G09557	NE	P	G09581	NE	M	G09605	CF	M	G09630	CF	M	G09655	AM	M	G09679	AM	M
G09558	NE	M	G09582	NE	M	G09606	BL	P	G09631	CR	G	G09656	CR	P	G09680	AM	M
G09559	NE	P	G09583	NE	M	G09607	NE	P	G09632	MR	M	G09657	NE	P	G09681	AM	M
G09560	NE	P	G09584	NE	M	G09608	BL	P	G09633	CR	M	G09658	NE	P	G09682	AM	M
G09561	NE	P	G09585	BL	P	G09609	NE	P	G09634	RS	G	G09659	NE	P	G09683	AM	G
G09562	NE	P	G09586	NE	M	G09611	BL	P	G09635	NE	P	G09660	NE	P	G09684	AM	M
G09563	NE	M	G09587	NE	P	G09612	RS	M	G09636	NE	P	G09661	NE	P	G09685	AM	M
G09564	RJ	P	G09588	NE	P	G09613	NE	P	G09637	NE	P	G09662	NE	P	G09686	AM	M
G09565	NE	M	G09589	NE	P	G09614	NE	P	G09639	CR	P	G09663	NE	P	G09687	AM	M
G09566	RJ	P	G09590	NE	P	G09615	NE	P	G09640	CR	P	G09664	NE	P	G09688	NE	P
G09567	NE	P	G09591	NE	P	G09616	NE	P	G09641	CR	G	G09665	NE	P	G09689	NE	P
G09568	NE	P	G09592	NE	P	G09617	MR	P	G09642	RJ	G	G09666	NE	P	G09690	AM	M
G09569	BL	M	G09593	NE	P	G09618	BL	P	G09643	BL	P	G09667	NE	P	G09691	AM	M
G09570	NE	P	G09594	MR	M	G09619	RJ	M	G09644	BL	P	G09668	NE	P	G09692	AM	M

N_C IAT	CP	TM	N_C IAT	CP	TM	N_C IAT	CP	TM	N_C IAT	CP	TM	N_C IAT	CP	TM	N_C IAT	CP	TM
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G09717	AM	M	G09741	AM	M	G09765	CR	P	G09789	RJ	G	G09811	AM	M	G09834	AM	G
G09718	AM	M	G09742	AM	M	G09766	AM	M	G09790	CR	M	G09812	CR	G	G09835	CF	G
G09719	AM	M	G09743	AM	M	G09767	AM	P	G09791	CR	M	G09813	AM	M	G09836	RJ	G
G09720	AM	M	G09744	CF	M	G09768	CF	M	G09792	AM	M	G09814	AM	P	G09837	RJ	G
G09721	CR	P	G09745	MR	G	G09769	AM	G	G09793	CR	M	G09815	AM	M	G09838	RS	G
G09722	CF	P	G09746	CR	M	G09770	CR	M	G09794	AM	M	G09816	BL	P	G09839	RJ	G
G09723	AM	M	G09747	RS	M	G09771	AM	M	G09795	NE	P	G09817	AM	M	G09840	NE	P
G09724	RJ	M	G09748	AM	M	G09772	CR	P	G09797	AM	P	G09818	AM	M	G09841	BL	P
G09725	AM	M	G09749	AM	M	G09773	CR	P	G09798	NE	M	G09819	AM	M	G09842	MR	G
G09726	AM	M	G09750	RS	M	G09774	CR	G	G09799	CR	M	G09820	AM	M	G09843	RJ	G
G09727	AM	M	G09751	RS	M	G09775	CR	M	G09800	CR	G	G09821	AM	M	G09844	AM	G
G09728	AM	M	G09752	RJ	P	G09776	AM	M	G09801	CR	G	G09822	AM	M	G09845	NE	P
G09729	AM	M	G09753	CF	M	G09776A	CR	P	G09802	AM	M	G09822A	AM	P	G09846	RS	G
G09730	AM	M	G09754	RS	M	G09777	AM	M	G09803	AM	M	G09823	NE	P	G09847	AM	M
G09731	CR	M	G09755	CR	M	G09778	AM	M	G09803A	AM	P	G09824	CR	P	G09848	CR	M
G09732	AM	M	G09756	RS	M	G09779	AM	M	G09803B	NE	P	G09825	AM	M	G09849	CR	M
G09733	AM	M	G09757	CR	P	G09780	CF	G	G09804	AM	M	G09826	CR	G	G09850	NE	P
G09734	CR	M	G09758	CR	M	G09782	AM	P	G09805	CR	M	G09827	AM	M	G09851	RJ	G
G09735	AM	M	G09759	CR	M	G09783	CR	P	G09806	AM	M	G09828	CR	M	G09852	NE	M
G09736	RS	G	G09760	CR	G	G09784	CR	M	G09807	CR	P	G09829	CR	M	G09854	AM	G
G09737	CR	G	G09761	AM	G	G09785	AM	M	G09807A	CR	M	G09830	CR	P	G09855	AM	G
G09738	CR	G	G09762	CR	M	G09786	AM	G	G09808	CR	M	G09831	BL	M	G09856	AM	M
G09739	CR	P	G09763	CR	M	G09787	NE	M	G09809	AM	M	G09832	CR	G	G09857	BL	M
G09740	CR	G	G09764	CR	M	G09788	CR	G	G09810	AM	M	G09833	BL	G	G09858	BL	P

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
G09884	AM P	G09908	NE P	G09932	CR G	G09956	NE P	G09980	CF P	G09987E	MR P	G10008A	CF P
G09885	AM M	G09909	NE P	G09933	MR M	G09957	NE P	G09981	NE P	G09987F	AM P	G10009	OT P
G09886	NE M	G09910	NE P	G09934	CR G	G09958	NE P	G09981A	NE P	G09988	CR P	G10010	CF P
G09887	CR M	G09911	NE P	G09935	CR G	G09959	NE P	G09981B	CF P	G09989	CF P	G10010A	CF P
G09888	CR M	G09912	AM G	G09936	CR G	G09960	NE P	G09981C	NE P	G09989A	CF P	G10011	OT P
G09889	CR M	G09913	NE P	G09937	CF M	G09961	NE P	G09981D	NE P	G09989B	CF P	G10012	CF P
G09890	NE M	G09914	NE P	G09938	CR G	G09962	NE P	G09981E	CF P	G09993	CF P	G10012A	CF P
G09891	CP M	G09915	NE P	G09939	AM G	G09963	NE P	G09981F	CF P	G09994	CR P	G10013	CF P
G09892	CR M	G09916	NE P	G09940	CR P	G09964	NE P	G09982	NE P	G09995	CR P	G10013A	CF P
G09893	CR M	G09917	NE P	G09941	RS M	G09965	NE P	G09983	NE P	G09996	CF P	G10014	OT P
G09894	CR M	G09918	NE P	G09942	AM G	G09966	NE P	G09984	NE P	G09997	CF P	G10015	CF P
G09895	CR G	G09919	AM M	G09943	AM G	G09967	NE P	G09985	CR P	G09998	AM P	G10016	CF P
G09896	CR M	G09920	NE P	G09944	AM G	G09968	NE P	G09986	CF P	G09998A	AM P	G10016A	CF P
G09897	CF M	G09921	NE P	G09945	NE P	G09969	NE P	G09986A	CR P	G09999	BL G	G10017	CF P
G09898	NE P	G09922	NE P	G09946	NE P	G09970	NE P	G09986B	AM P	G10001	CF P	G10017A	CF P
G09899	AM M	G09923	NE P	G09947	NE P	G09971	NE P	G09986C	CF P	G10001A	CF P	G10018	OT P
G09900	NE G	G09924	NE P	G09948	NE P	G09972	NE P	G09986D	CF P	G10002	CF P	G10018A	CF P
G09901	NE P	G09925	AM M	G09949	NE P	G09973	NE P	G09986E	CF P	G10002A	CF P	G10019	CR P
G09902	NE P	G09926	NE P	G09950	NE P	G09974	AM M	G09986F	NE P	G10003	OT P	G10019A	CF P
G09903	NE M	G09927	NE P	G09951	NE P	G09975	CR G	G09987	AM P	G10004	OT P	G10020	CF P
G09904	NE M	G09928	NE P	G09952	NE P	G09976	CR G	G09987A	AM P	G10005	OT P	G10020A	CF P
G09905	CR M	G09929	MR M	G09953	NE P	G09977	NE P	G09987B	CF P	G10006	CF P	G10021	OT P
G09906	NE M	G09930	AM G	G09954	NE P	G09978	AM P	G09987C	AM P	G10007	CF P	G10022	OT P
G09907	NE M	G09931	AM G	G09955	NE P	G09979	AM G	G09987D	AM P	G10008	CF P	G10023	CR P



N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G10192	CR	G	G10216	CR	G	G10240	CF	G	G10264	DT	M	G10288	BL	M	G10312	BL	M
G10193	CR	G	G10217	CR	M	G10241	BL	G	G10265	CF	P	G10289	CR	P	G10313	AM	P
G10194	CR	G	G10218	CR	G	G10242	CR	G	G10266	CR	G	G10290	CR	M	G10314	RS	M
G10195	BL	M	G10219	RJ	G	G10243	CR	G	G10267	CR	G	G10291	CF	M	G10315	BL	G
G10196	CR	G	G10220	CR	G	G10244	CR	P	G10268	CR	G	G10292	DT	M	G10316	BL	P
G10197	CR	G	G10221	CR	G	G10245	BL	G	G10269	CR	G	G10293	RJ	M	G10317	BL	G
G10198	RS	G	G10222	CF	G	G10246	CR	G	G10270	CR	M	G10294	BL	G	G10318	BL	G
G10199	CR	G	G10223	CR	G	G10247	AM	G	G10271	AM	G	G10295	CR	G	G10319	BL	M
G10200	AM	G	G10224	AM	G	G10248A	CR	G	G10272	AM	G	G10296	CR	G	G10320	RJ	M
G10201	CR	G	G10225	CF	G	G10248B	CF	M	G10273	AM	G	G10297	CR	G	G10321	RS	P
G10202	BL	M	G10226	RJ	G	G10249	CR	M	G10274	CR	M	G10298	RS	G	G10322	CF	M
G10203	NE	G	G10227	CR	M	G10250	CF	G	G10275	CR	G	G10299	BL	G	G10323	CR	P
G10204	CR	G	G10228	CR	G	G10252	CR	P	G10276	CR	M	G10300	BL	M	G10324	NE	M
G10205	CF	M	G10229	CR	G	G10253	BL	G	G10277	AM	G	G10301	NE	M	G10325	AM	G
G10206	CR	G	G10230	NE	G	G10254	BL	M	G10278	CF	G	G10302	BL	G	G10326	RS	G
G10207	CF	G	G10231	RJ	G	G10255	BL	G	G10279	CR	G	G10303	MR	G	G10327	AM	G
G10208	AM	G	G10232	RJ	G	G10256	BL	G	G10280	CR	G	G10304	AM	G	G10328	AM	G
G10209	CR	G	G10233	CF	M	G10257	BL	G	G10281	CR	G	G10305	RJ	G	G10329	AM	G
G10210	BL	P	G10234	AM	G	G10258	AM	G	G10282	CR	G	G10306	BL	G	G10330	RS	G
G10211	BL	M	G10235	CF	M	G10259	CF	M	G10283	CR	P	G10307	RS	G	G10331	RS	G
G10212	RJ	M	G10236	RS	G	G10260	CR	G	G10284	BL	P	G10308	RJ	G	G10332	BL	P
G10213	CR	G	G10237	BL	M	G10261	CR	G	G10285	AM	M	G10309	CF	G	G10333	RS	G
G10214	CF	G	G10238	BL	M	G10262	CR	G	G10286	CR	P	G10310	CF	M	G10334	CR	G
G10215	CR	G	G10239	BL	M	G10263	RJ	G	G10287	BL	M	G10311	CR	G	G10335	CR	G

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G10360	CR	G	G10384	RJ	G	G10410	CR	M	G10434	NE	M	G10456	RS	G	G10480	BL	M
G10361	CP	M	G10386	CR	G	G10411	CP	M	G10435	RJ	G	G10457	BL	G	G10481	NE	M
G10362	AM	G	G10387	BL	G	G10412	CR	G	G10436	RJ	G	G10458	AM	G	G10482	NE	M
G10363	AM	M	G10388	BL	G	G10413	NE	G	G10437	AM	G	G10459	RS	G	G10483	NE	M
G10364	CR	G	G10389	CR	G	G10414	CR	G	G10438	BL	G	G10460	AM	G	G10484	NE	M
G10365	RJ	G	G10390	AM	G	G10415	CR	G	G10439	AM	G	G10461	CR	G	G10485	MR	M
G10366	RS	G	G10391	AM	G	G10416	AM	G	G10440	AM	G	G10462	BL	M	G10486	NE	M
G10367	RS	G	G10392	CR	G	G10417	CR	G	G10441	BL	G	G10463	CR	G	G10487	NE	M
G10368	CR	G	G10393	RS	G	G10418	BL	M	G10441A	RS	G	G10464	CR	G	G10488	MR	M
G10369	CF	G	G10394	CR	G	G10419	CR	G	G10441B	RJ	G	G10465	CF	M	G10489	NE	M
G10370	RJ	G	G10395	CR	G	G10420	RS	G	G10442	CR	G	G10466	NE	M	G10490	NE	M
G10371	CP	G	G10396	CR	G	G10421	CR	G	G10443	RS	G	G10467	NE	M	G10491	NE	P
G10372	CR	G	G10397	CR	G	G10422	CR	P	G10444	BL	G	G10468	NE	M	G10492	NE	M
G10373	AM	G	G10398	RJ	G	G10423	BL	P	G10445	BL	G	G10469	NE	M	G10493	NE	M
G10374	RS	G	G10399	CR	G	G10424	CP	P	G10446	AM	G	G10470	BL	M	G10494	NE	M
G10375	AM	G	G10400	CR	G	G10425	BL	G	G10447	CR	G	G10471	NE	M	G10495	NE	M
G10376	CP	G	G10401	AM	G	G10426	BL	G	G10448	BL	G	G10472	NE	M	G10496	BL	M
G10377	MR	G	G10402	RJ	G	G10427	BL	G	G10449	CR	G	G10473	NE	M	G10497	NE	M
G10378	CR	G	G10403	CR	G	G10428	AM	G	G10450	RS	G	G10474	RJ	M	G10498	NE	M
G10379	AM	G	G10405	CR	G	G10429	AM	G	G10451	BL	G	G10475	RJ	M	G10499	NE	M
G10380	AM	G	G10406	RJ	G	G10430	CR	M	G10452	CR	G	G10476	NE	M	G10500	BL	M
G10381	AM	G	G10407	BL	M	G10431	CR	M	G10453	CR	G	G10477	RJ	M	G10501	NE	M
G10382	RJ	G	G10408	RJ	G	G10432	CR	M	G10454	CR	M	G10478	BL	G	G10502	NE	M
G10383	BL	G	G10409	AM	G	G10433	CF	M	G10455	CR	G	G10479	MR	M	G10503	NE	M

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
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G10528	NE M	G10552	NE M	G10576	NE M	G10600	BL M	G10624	NE M	G10648	NE G	G10672	AM M
G10529	BL M	G10553	NE M	G10577	NE G	G10601	NE M	G10625	NE M	G10649	NE P	G10673	NE M
G10530	NE M	G10554	NE M	G10578	NE G	G10602	BL M	G10626	NE M	G10650	NE M	G10674	BL M
G10531	NE M	G10555	NE M	G10579	BL M	G10603	NE M	G10627	NE M	G10651	NE G	G10675	NE M
G10532	NE M	G10556	NE G	G10580	NE G	G10604	NE M	G10628	CF M	G10652	NE M	G10676	AM M
G10533	NE M	G10557	NE G	G10581	NE M	G10605	NE M	G10629	NE M	G10653	NE M	G10677	NE M
G10534	NE M	G10558	NE M	G10582	NE G	G10606	NE G	G10630	NE M	G10654	NE M	G10678	NE M
G10535	NE M	G10559	NE G	G10583	NE M	G10607	NE M	G10631	NE P	G10655	NE M	G10679	NE M
G10536	NE M	G10560	NE M	G10584	NE G	G10608	BL M	G10632	NE P	G10656	NE G	G10680	NE M
G10537	NE M	G10561	BL M	G10585	NE M	G10609	NE P	G10633	NE P	G10657	NE G	G10681	NE M
G10538	NE M	G10562	NE G	G10586	NE M	G10610	NE M	G10634	NE P	G10658	NE G	G10682	NE P
G10539	RJ P	G10563	NE M	G10587	NE M	G10611	BL G	G10635	NE M	G10659	NE G	G10683	NE M
G10540	BL M	G10564	NE M	G10588	NE M	G10612	NE M	G10636	NE M	G10660	CR G	G10684	BL M
G10541	NE M	G10565	NE G	G10589	NE G	G10613	BL M	G10637	NE M	G10661	NE M	G10685	NE M
G10542	NE M	G10566	NE M	G10590	NE M	G10614	BL M	G10638	MR M	G10662	NE M	G10686	NE M
G10543	NE M	G10567	NE M	G10591	CF M	G10615	NE M	G10639	NE M	G10663	RS M	G10687	NE M
G10544	NE M	G10568	NE M	G10592	NE M	G10616	NE M	G10640	NE M	G10664	NE M	G10688	NE M
G10545	NE M	G10569	NE G	G10593	NE M	G10617	NE M	G10641	NE G	G10665	NE M	G10689	NE M
G10546	NE M	G10570	NE G	G10594	BL M	G10618	NE M	G10642	NE M	G10666	AM M	G10690	NE G
G10547	NE M	G10571	BL M	G10595	NE M	G10619	NE M	G10643	NE M	G10667	NE M	G10691	NE M
G10548	NE M	G10572	NE M	G10596	NE M	G10620	NE M	G10644	NE M	G10668	NE G	G10692	NE M
G10549	NE M	G10573	NE M	G10597	BL M	G10621	NE M	G10645	NE M	G10669	RS P	G10693	NE M
G10550	NE G	G10574	BL M	G10598	NE M	G10622	NE M	G10646	NE M	G10670	NE G	G10694	NE M
G10551	NE M	G10575	NE M	G10599	NE M	G10623	NE M	G10647	NE M	G10671	AM M	G10695	NE G



N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G10696	NE	P	G10720	NE	M	G10744	BL	M	G10768	NE	M	G10792	NE	M	G10816	RJ	M
G10697	NE	M	G10721	NE	M	G10745	NE	M	G10769	NE	M	G10793	RJ	M	G10817	RS	M
G10698	BL	M	G10722	NE	M	G10746	CF	M	G10770	NE	M	G10794	NE	M	G10818	CF	G
G10699	BL	M	G10723	NE	M	G10747	NE	M	G10771	NE	M	G10795	NE	M	G10819	CF	P
G10700	NE	M	G10724	NE	M	G10748	NE	M	G10772	NE	M	G10796	RJ	M	G10820	BL	M
G10701	BL	M	G10725	NE	M	G10749	NE	M	G10773	RS	M	G10797	NE	M	G10821	BL	M
G10702	NE	M	G10726	NE	M	G10750	NE	M	G10774	NE	M	G10798	NE	M	G10822	NE	M
G10703	AM	M	G10727	RJ	M	G10751	NE	M	G10775	NE	M	G10799	NE	M	G10823	CR	M
G10704	NE	M	G10728	NE	M	G10752	NE	M	G10776	NE	M	G10800	NE	M	G10824	NE	M
G10705	NE	M	G10729	NE	M	G10753	NE	M	G10777	NE	M	G10801	NE	M	G10825	RJ	M
G10706	NE	M	G10730	NE	M	G10754	NE	M	G10778	NE	M	G10802	NE	M	G10826	NE	M
G10707	NE	M	G10731	NE	M	G10755	NE	P	G10779	NE	M	G10803	NE	M	G10827	NE	M
G10708	NE	M	G10732	NE	P	G10756	RS	M	G10780	NE	M	G10804	NE	M	G10828	NE	M
G10709	AM	M	G10733	NE	M	G10757	NE	M	G10781	NE	M	G10805	NE	P	G10829	NE	M
G10710	NE	M	G10734	NE	M	G10758	NE	M	G10782	NE	M	G10806	NE	M	G10830	NE	M
G10711	RJ	M	G10735	NE	M	G10759	NE	M	G10783	NE	M	G10807	NE	M	G10831	NE	M
G10712	NE	M	G10736	NE	M	G10760	NE	M	G10784	NE	M	G10808	NE	M	G10832	NE	M
G10713	RS	M	G10737	NE	M	G10761	BL	P	G10785	NE	M	G10809	NE	M	G10833	NE	M
G10714	NE	M	G10738	RS	M	G10762	CF	M	G10786	NE	M	G10810	NE	M	G10834	NE	M
G10715	BL	M	G10739	NE	M	G10763	NE	M	G10787	RJ	M	G10811	NE	M	G10835	NE	M
G10716	NE	M	G10740	NE	M	G10764	NE	M	G10788	NE	M	G10812	NE	P	G10836	NE	M
G10717	NE	M	G10741	NE	M	G10765	NE	M	G10789	RJ	M	G10813	RJ	M	G10837	NE	M
G10718	NE	M	G10742	RJ	M	G10766	NE	M	G10790	NE	M	G10814	BL	M	G10838	NE	P
G10719	NE	M	G10743	RJ	M	G10767	CF	M	G10791	NE	M	G10815	NE	M	G10839	NE	M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G10864	NE	P	G10886	BL	M	G10912	AM	M	G10936	NE	M	G10960	CR	M	G10984	CR	G
G10865	NE	P	G10889	BL	M	G10913	NE	M	G10937	NE	P	G10961	AM	M	G10985	CR	M
G10866	NE	M	G10890	BL	M	G10914	MR	M	G10938	NE	P	G10962	NE	P	G10986	RS	G
G10867	NE	M	G10891	RJ	M	G10915	NE	M	G10939	BL	M	G10963	CR	M	G10987	MR	G
G10868	NE	M	G10892	RS	M	G10916	BL	M	G10940	NE	M	G10964	CR	M	G10988	BL	P
G10869	NE	M	G10893	NE	M	G10917	CR	M	G10941	CR	M	G10965	MR	G	G10989	NE	M
G10870	NE	P	G10894	RS	G	G10918	RS	P	G10942	CR	G	G10966	CR	P	G10990	NE	P
G10871	NE	M	G10895	BL	M	G10919	NE	M	G10943	NE	M	G10967	CF	G	G10991	CR	G
G10872	NE	M	G10896	NE	P	G10920	NE	M	G10944	RS	M	G10968	CF	G	G10992	CR	G
G10873	NE	M	G10897	NE	M	G10921	NE	P	G10945	RS	M	G10969	MR	M	G10993	OT	G
G10874	BL	M	G10898	NE	M	G10922	NE	P	G10946	MR	P	G10970	CR	P	G10994	RS	G
G10875	BL	M	G10899	NE	M	G10923	NE	M	G10947	CR	M	G10971	CR	M	G10995	OT	G
G10876	BL	M	G10900	NE	M	G10924	NE	P	G10948	CR	M	G10972	CR	M	G10996	CR	G
G10877	NE	M	G10901	BL	M	G10925	BL	M	G10949	CR	M	G10973	AM	M	G10997	CR	P
G10878	NE	M	G10902	BL	M	G10926	NE	M	G10950	AM	M	G10974	CR	M	G10998	CR	M
G10879	NE	P	G10903	RJ	M	G10927	NE	M	G10951	CR	P	G10975	CR	M	G10999	OT	P
G10880	BL	M	G10904	BL	P	G10928	NE	M	G10952	CR	G	G10976	MR	M	G11000	CR	M
G10881	BL	M	G10905	RS	M	G10929	NE	M	G10953	CR	G	G10977	CF	P	G11001	CR	M
G10882	CP	M	G10906	NE	M	G10930	NE	G	G10954	CR	M	G10978	MR	G	G11002	CR	M
G10883	BL	G	G10907	RS	P	G10931	NE	M	G10955	CR	M	G10979	CF	G	G11003	CR	M
G10884	NE	M	G10908	RJ	M	G10932	NE	M	G10956	CR	G	G10980	RS	G	G11004	AM	G
G10885	BL	M	G10909	MR	M	G10933	BL	M	G10957	RS	P	G10981	CF	G	G11005	CR	G
G10886	BL	M	G10910	CF	M	G10934	NE	M	G10958	CR	M	G10982	CR	G	G11006	MR	G
G10887	BL	M	G10911	NE	M	G10935	NE	M	G10959	AM	P	G10983	CR	G	G11007	RS	G

N_CIAT	CP TM		N_CIAT	CP TM		N_CIAT	CP TM		N_CIAT	CP TM		N_CIAT	CP TM		N_CIAT	CP TM		N_CIAT	CP TM		N_CIAT	CP TM		N_CIAT	CP TM		N_CIAT	CP TM				
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G11027A NE P			G11048 CR M			G11072 CR M			G11096 CR M			G11120 RJ P			G11144 NE M			G11168 BL G														
G11027C NE P			G11049 CR M			G11073 AM M			G11097 AM M			G11121 NE P			G11145 NE P			G11169 RS M														
G11028 CF P			G11050 CF P			G11074 RS M			G11098 OT M			G11122 CR P			G11146 AM G			G11170 RS P														
G11029 NE P			G11051 OT P			G11075 AM M			G11099 NE P			G11123 OT M			G11147 MR G			G11171 RJ M														
G11030 CR P			G11052 OT P			G11076 AM M			G11100 NE M			G11124 NE P			G11148 MR G			G11172 NE M														
G11030A NE P			G11053 OT P			G11077 AM M			G11101 NE P			G11125 OT P			G11149 MR G			G11173 CP M														
G11031 CR P			G11054 NE P			G11078 AM M			G11102 NE M			G11126 BL G			G11150 BL M			G11174 RJ M														
G11032 CR P			G11055 OT P			G11079 AM M			G11103 MR M			G11127 BL G			G11151 BL P			G11175 RJ M														
G11032A NE P			G11056 CF P			G11080 CR M			G11104 NE P			G11128 BL M			G11152 AM G			G11176 NE P														
G11033 CF P			G11057 NE M			G11081 AM M			G11105 NE M			G11129 AM G			G11153 BL P			G11177 RJ M														
G11034 OT P			G11058 AM M			G11082 AM M			G11106 NE P			G11130 CR G			G11154 CR M			G11178 RJ M														
G11035 AM P			G11059 MR G			G11083 CR M			G11107 CR P			G11131 NE G			G11155 NE M			G11179 CR M														
G11036 AM M			G11060 CF M			G11084 AM M			G11108 NE M			G11132 CF M			G11156 NE G			G11180 CR M														
G11037 RS M			G11061 RS M			G11085 RS M			G11109 NE M			G11133 CR M			G11157 BL M			G11181 RS M														
G11038 AM M			G11062 CR M			G11086 BL M			G11110 NE M			G11134 CR G			G11158 AM G			G11182 CP M														
G11039 RS M			G11063 AM M			G11087 OT M			G11111 MR P			G11135 RS G			G11159 BL G			G11183 MR M														
G11040 AM M			G11064 AM M			G11088 OT P			G11112 NE M			G11136 BL M			G11160 BL M			G11184 RJ M														
G11041 RS M			G11065 OT M			G11089 CR P			G11113 CR P			G11137 BL M			G11161 CF G			G11185 RJ M														
G11042 NE P			G11066 RS M			G11090 CR M			G11114 NE M			G11138 CF G			G11162 PL M																	

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G11192	CR	P	G11216	CR	G	G11240	BL	P	G11265	BL	P	G11289	NE	G	G11313	CF	M
G11193	CR	M	G11217	BL	P	G11241	BL	G	G11266	BL	M	G11290	BL	G	G11314	CR	M
G11194	RJ	M	G11218	BL	G	G11242	AM	G	G11267	CR	M	G11291	MR	G	G11315	CF	G
G11195	RJ	M	G11219	BL	M	G11243	MR	G	G11268	BL	P	G11292	CR	P	G11316	CR	M
G11196	RS	P	G11220	BL	M	G11244	NE	P	G11269	BL	M	G11293	CR	M	G11317	NE	P
G11197	BL	M	G11221	MR	G	G11245	BL	M	G11270	BL	M	G11294	MR	M	G11318	CR	M
G11198	BL	M	G11222	RJ	G	G11246	AM	G	G11271	BL	M	G11295	AM	M	G11319	CR	M
G11199	BL	M	G11223	BL	G	G11247	BL	P	G11272	RS	G	G11296	AM	M	G11320	MR	M
G11200	BL	G	G11224	BL	M	G11248	BL	M	G11273	NE	P	G11297	AM	M	G11321	CF	M
G11201	NE	P	G11225	BL	G	G11249	CR	M	G11274	CR	P	G11298	NE	P	G11322	CR	M
G11202	BL	P	G11226	BL	P	G11250	CP	M	G11275	CR	G	G11299	AM	M	G11323	AM	M
G11203	BL	G	G11227	RS	G	G11251	BL	G	G11276	BL	P	G11300	RS	M	G11324	CR	M
G11204	BL	P	G11228	AM	G	G11252	BL	P	G11277	BL	G	G11301	MR	M	G11325	OT	M
G11205	BL	M	G11229	BL	P	G11254	RJ	G	G11278	BL	M	G11302	RJ	M	G11326	NE	P
G11206	BL	G	G11230	CR	G	G11255	RJ	P	G11279	BL	M	G11303	CR	M	G11327	NE	M
G11207	BL	G	G11231	RJ	G	G11256	BL	M	G11280	BL	M	G11304	CR	M	G11328	AM	M
G11208	BL	G	G11232	RJ	G	G11257	BL	G	G11281	BL	G	G11305	BL	P	G11329	AM	M
G11209	AM	G	G11233	BL	M	G11258	BL	M	G11282	BL	G	G11306	BL	P	G11330	RJ	P
G11210	BL	G	G11234	BL	P	G11259	RJ	G	G11283	AM	M	G11307	BL	P	G11331	NE	M
G11211	CR	M	G11235	BL	G	G11260	BL	G	G11284	MR	G	G11308	NE	P	G11332	CR	G
G11212	RS	M	G11236	BL	G	G11261	BL	P	G11285	AM	M	G11309	CR	P	G11333	BL	P
G11213	BL	G	G11237	AM	M	G11262	CF	G	G11286	BL	M	G11310	CR	P	G11334	CR	M
G11214	BL	P	G11238	CR	G	G11263	BL	G	G11287	AM	M	G11311	CR	G	G11335	CR	M
G11215	BL	P	G11239	BL	P	G11264	BL	M	G11288	BL	G	G11312	CR	M	G11336	CR	G



N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G11529	CR	M	G11551	BL	P	G11573	NE	P	G11595	NE	P	G11619	RJ	M	G11641	NE	M
G11530	RS	G	G11552	CR	P	G11574	CR	P	G11596	CR	M	G11620	RJ	P	G11642	NE	P
G11531	CR	M	G11553	CR	G	G11575	AM	M	G11597	NE	P	G11620A	RJ	P	G11643	NE	P
G11532	CR	P	G11554	NE	P	G11575A	RJ	M	G11598	NE	P	G11621	NE	P	G11644	RJ	P
G11533	CF	P	G11555	CR	G	G11576	RJ	M	G11599	NE	P	G11622	NE	P	G11645	RS	P
G11534	CR	P	G11556	CR	M	G11577	RS	P	G11600	NE	P	G11623	NE	P	G11646	MR	M
G11535	AM	M	G11557	CR	M	G11578	AM	G	G11601	NE	P	G11624	NE	P	G11647	NE	M
G11536	CR	P	G11558	CR	M	G11579	AM	M	G11602	BL	M	G11625	NE	P	G11648	NE	P
G11537	CR	P	G11559	AM	M	G11580	BL	P	G11603	NE	P	G11626	NE	P	G11649	NE	P
G11538	AM	P	G11560	RS	P	G11581	CR	M	G11604	NE	P	G11627	NE	P	G11650	NE	M
G11539	CR	M	G11560A	RS	P	G11581A	CF	P	G11605	NE	M	G11628	NE	P	G11651	NE	P
G11540	CR	M	G11561	CR	M	G11582	RS	M	G11606	NE	P	G11629	NE	M	G11652	NE	M
G11541	BL	P	G11562	MR	P	G11583	BL	P	G11607	NE	P	G11630	NE	M	G11653	NE	M
G11542	BL	P	G11563	NE	P	G11584	BL	P	G11608	NE	P	G11631	RJ	P	G11654	NE	P
G11543	CR	M	G11564	CR	M	G11585	AM	M	G11609	MR	M	G11632	RJ	P	G11655	NE	P
G11544	AM	M	G11564A	CR	G	G11586	RJ	P	G11610	NE	P	G11633	NE	M	G11656	NE	M
G11545	AM	M	G11565	AM	M	G11587	NE	P	G11611	NE	P	G11634	NE	M	G11656A	CF	P
G11546	AM	M	G11566	AM	M	G11588	NE	P	G11612	NE	P	G11635	RJ	P	G11657	RS	P
G11547	AM	M	G11567	CR	M	G11589	BL	P	G11613	NE	M	G11636	NE	M	G11657A	RS	P
G11547A	NE	P	G11568	RS	P	G11590	CR	P	G11614	NE	M	G11637	NE	P	G11658	CF	M
G11548	RJ	M	G11569	CR	M	G11591	NE	P	G11615	NE	M	G11638	NE	M	G11659	RS	P
G11549	MR	P	G11570	RJ	P	G11592	NE	P	G11616	NE	M	G11638A	NE	P	G11660	RS	P
G11549A	CR	M	G11571	CR	P	G11593	NE	P	G11617	NE	P	G11639	BL	P	G11661	CF	P
G11550	BL	P	G11572	CR	M	G11594	NE	P	G11618	NE	M	G11640	RS	P	G11662	RS	P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G11686	RJ	P	G11709	MR	G	G11731	MR	G	G11754	AM	M	G11767	MR	M	G11780B	CR	G
G11687	RJ	P	G11710	CF	G	G11732	AM	G	G11755	CR	G	G11767A	CR	M	G11780C	BL	G
G11688	RJ	P	G11711	PS	G	G11733	BL	G	G11756	BL	G	G11767B	CR	M	G11780D	OT	M
G11689	NE	P	G11712	NE	G	G11734	MR	G	G11757	BL	G	G11768	BL	G	G11780E	CR	G
G11690	RJ	P	G11713	AM	G	G11735	BL	G	G11758	CR	G	G11769	MR	G	G11780F	AM	G
G11691	MR	M	G11714	BL	G	G11736	CF	G	G11759	CR	M	G11769A	BL	G	G11781	AM	M
G11692	NE	P	G11715	BL	G	G11737	MR	G	G11759A	CR	M	G11769B	CR	M	G11782	RJ	G
G11692A	AM	G	G11716	BL	G	G11738	RJ	G	G11759B	CF	M	G11769C	CR	G	G11783	RJ	P
G11693	AM	M	G11717	AM	G	G11739	RJ	G	G11759C	CR	M	G11770	MR	G	G11784	BL	G
G11694	CF	P	G11718	CR	G	G11740	NE	G	G11760	CR	M	G11771	CR	G	G11785	BL	G
G11695	CF	M	G11719	BL	G	G11741	CF	G	G11761	RS	G	G11772	AM	G	G11786	CF	G
G11696	CR	G	G11720	BL	P	G11742	AM	G	G11761A	CF	G	G11773	BL	G	G11787	CR	G
G11697	CF	G	G11721	NE	P	G11743	NE	G	G11761B	MR	M	G11774	NE	G	G11788	CR	G
G11698	CR	G	G11722	CR	M	G11744	BL	G	G11761C	CR	M	G11775	BL	G	G11789	CR	G
G11699	RJ	G	G11723	BL	P	G11745	NE	G	G11761D	AM	G	G11776	CR	G	G11790	CR	G
G11700	RJ	M	G11723A	BL	P	G11746	RS	G	G11761E	CR	G	G11776A	CR	M	G11791	AM	G
G11701	BL	G	G11723B	MR	M	G11747	RJ	P	G11761F	CR	M	G11776B	CR	M	G11792	CR	G
G11702	CR	G	G11724	BL	P	G11748	BL	P	G11762	BL	G	G11776C	RJ	M	G11793	CR	G
G11703	RJ	G	G11725	NE	P	G11749	AM	M	G11763	BL	G	G11776D	NE	M	G11794	CR	G
G11704	CR	G	G11726	MR	P	G11750	RJ	M	G11764	RJ	G	G11777	BL	G	G11795	CR	G
G11705	RJ	G	G11727	CR	G	G11751	MR	M	G11764A	RJ	M	G11778	AM	G	G11796	AM	G
G11706	RS	G	G11728	RS	M	G11751A	RJ	P	G11764B	CR	M	G11779	CR	M	G11797	CR	G
G11707	NE	G	G11729	CF	P	G11752	NE	P	G11765	RJ	G	G11780	CR	G	G11798	AM	G
G11708	BL	G	G11730	AM	G	G11753	CR	M	G11766	CR	G	G11780A	RJ	G	G11799	CR	G

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G11822	MR	G	G11846	AM	G	G11870	CR	G	G11894	BL	M	G11918	AM	P	G11940	AM	G
G11823	NE	M	G11847	RJ	M	G11871	CR	G	G11895	CF	M	G11919	CR	M	G11941	AM	M
G11824	CR	G	G11848	CF	G	G11872	CR	G	G11896	BL	P	G11920	NE	M	G11942	AM	M
G11825	CR	M	G11849	AM	G	G11873	CR	G	G11897	BL	M	G11920A	CR	M	G11943	AM	M
G11826	CR	G	G11850	BL	G	G11874	CR	G	G11898	BL	P	G11921	NE	M	G11944	AM	G
G11827	BL	P	G11851	BL	G	G11875	CR	G	G11899	BL	P	G11922	NE	P	G11945	AM	G
G11828	MR	G	G11852	BL	G	G11876	CF	G	G11900	NE	G	G11922A	AM	P	G11946	AM	P
G11829	BL	P	G11853	BL	G	G11877	CR	G	G11901	RS	M	G11923	CF	M	G11947	RS	G
G11830	AM	M	G11854	BL	M	G11878	CR	G	G11902	AM	M	G11924	CR	P	G11948	NE	G
G11831	CR	G	G11855	BL	G	G11879	CR	G	G11903	AM	G	G11925	AM	M	G11949	CR	M
G11832	MR	M	G11856	BL	M	G11880	AM	G	G11904	NE	P	G11926	NE	P	G11949A	AM	G
G11833	BL	P	G11857	BL	M	G11881	AM	G	G11905	CR	P	G11927	NE	P	G11950	AM	M
G11834	BL	G	G11858	BL	G	G11882	AM	G	G11906	CR	P	G11928	NE	P	G11951	AM	M
G11835	CF	G	G11859	BL	M	G11883	AM	G	G11907	CR	P	G11929	CR	P	G11952	AM	P
G11836	BL	P	G11860	BL	G	G11884	AM	G	G11908	NE	P	G11930	AM	P	G11953	AM	P
G11837	CR	G	G11861	AM	G	G11885	BL	G	G11909	CR	M	G11931	NE	P	G11954	AM	M
G11838	AM	M	G11862	AM	G	G11886	NE	G	G11910	CR	M	G11932	AM	G	G11955	AM	M
G11839	BL	P	G11863	AM	G	G11887	NE	G	G11911	AM	G	G11933	AM	M	G11956	NE	P
G11840	NE	M	G11864	AM	G	G11888	OT	G	G11912	AM	P	G11934	NE	P	G11957	CR	M
G11841	BL	G	G11865	CF	G	G11889	OT	G	G11913	AM	M	G11935	CR	G	G11958	NE	P
G11842	BL	P	G11866	CR	G	G11890	AM	P	G11914	AM	M	G11936	AM	P	G11959	AM	G
G11843	CR	G	G11867	CR	G	G11891	AM	M	G11915	NE	P	G11937	AM	M	G11960	CR	M
G11844	BL	M	G11868	CR	G	G11892	CR	P	G11916	CR	P	G11938	AM	M	G11961	AM	M
G11845	BL	G	G11869	CR	G	G11893	CR	P	G11917	NE	P	G11939	AM	P	G11962	CR	M



N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G11988	AM	M	G12012	NE	G	G12035	AM	G	G12061	CR	G	G12085	CR	M	G12109	RS	M
G11989	AM	M	G12013	CR	M	G12036	CR	G	G12062	BL	G	G12086	CR	G	G12110	BL	G
G11990	AM	P	G12014	CR	M	G12037	RS	G	G12063	RS	M	G12087	CF	G	G12111	CR	M
G11991	AM	P	G12015	CR	P	G12038	AM	G	G12064	BL	G	G12088	CF	G	G12113	CR	M
G11992	CR	M	G12016	CR	G	G12039	RJ	G	G12065	RJ	G	G12089	RJ	G	G12114	MR	G
G11993	CF	G	G12017	CF	M	G12040	BL	G	G12066	CR	G	G12090	CR	M	G12115	CR	G
G11994	AM	M	G12018	CR	G	G12041	CF	G	G12067	AM	G	G12091	MR	M	G12116	CR	G
G11995	AM	M	G12019	CF	G	G12042	MR	G	G12068	CR	M	G12092	BL	G	G12117	NE	G
G11996	CR	M	G12020	AM	M	G12043	AM	G	G12069	CR	G	G12093	RS	G	G12118	CR	G
G11997	AM	M	G12021	RJ	M	G12044	CR	G	G12070	AM	G	G12094	OT	G	G12119	CF	G
G11998	AM	M	G12022	RJ	M	G12045	MR	G	G12071	CR	G	G12095	OT	M	G12120	CR	M
G11999	AM	M	G12022A	NE	P	G12046	CR	G	G12072	MR	M	G12096	OT	G	G12121	RS	G
G12000	AM	P	G12022B	CR	M	G12047	CR	G	G12073	AM	G	G12097	NE	G	G12122	BL	P
G12001	AM	M	G12023	AM	G	G12048	RJ	G	G12074	BL	G	G12098	RS	G	G12123	AM	M
G12002	AM	M	G12024	CR	G	G12049	RJ	G	G12075	RJ	M	G12099	NE	G	G12124	AM	M
G12003	CR	M	G12025	CR	M	G12050	CR	M	G12076	CR	G	G12100	BL	G	G12125	CR	M
G12004	AM	G	G12026	CR	M	G12051	MR	G	G12077	BL	G	G12101	RS	G	G12126	RS	G
G12005	CR	G	G12027	RS	M	G12054	CF	M	G12078	CF	G	G12102	RS	G	G12127	NE	M
G12006	AM	M	G12028	AM	M	G12055	MR	G	G12079	BL	G	G12103	CR	G	G12128	RS	G
G12007	AM	P	G12029	RS	M	G12056	BL	P	G12080	CR	M	G12104	CR	G	G12129	CR	M
G12008	AM	M	G12030	CF	G	G12057	BL	G	G12081	MR	G	G12105	CR	G	G12130	CR	M
G12009	OT	M	G12031	RS	G	G12058	BL	G	G12082	AM	G	G12106	RS	G	G12131	CR	P
G12010	OT	M	G12032	AM	G	G12059	BL	G	G12083	CF	G	G12107	BL	G	G12132	AM	G
G12011	OT	G	G12034	CR	G	G12060	CR	G	G12084	BL	G	G12108	CR	M	G12133	NE	P

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G12158	MP	G	G12180	CF	G	G12205	CR	G	G12229	CR	G	G12253	CR	G	G12277	RS	G
G12159	BL	P	G12180A	CF	M	G12206	CF	P	G12230	AM	G	G12254	CR	G	G12278	RS	G
G12160	AM	G	G12183	RS	G	G12207	AM	G	G12231	BL	G	G12255	CR	G	G12279	CR	G
G12161	AM	M	G12184	BL	G	G12208	CR	G	G12232	CR	G	G12256	AM	G	G12280	RS	G
G12162	AM	M	G12185	CF	M	G12209	RJ	G	G12233	CR	M	G12257	BL	G	G12281	CR	G
G12163	BL	P	G12185A	BL	M	G12210	MR	G	G12234	RJ	M	G12258	CR	G	G12282	CR	G
G12164	MR	P	G12186	CF	G	G12211	NE	G	G12235	RJ	M	G12259	CR	G	G12283	MR	G
G12165	MR	P	G12186A	BL	M	G12212	CR	G	G12236	RS	M	G12260	CR	G	G12284	RJ	G
G12166	NE	P	G12187	CR	G	G12213	RS	G	G12237	NE	M	G12261	CR	G	G12285	MR	G
G12167	OT	P	G12188	CR	G	G12214	CR	G	G12238	MR	G	G12262	RS	G	G12286	RJ	G
G12168	NE	P	G12189	CF	M	G12215	AM	G	G12239	MR	G	G12263	MR	G	G12287	MR	G
G12169	RJ	M	G12191	CF	M	G12216	RJ	G	G12240	CR	G	G12264	RJ	G	G12288	OT	M
G12170	RS	M	G12192	RS	M	G12217	MR	G	G12241	CR	G	G12265	RS	G	G12289	MR	M
G12171	RJ	M	G12193	CR	M	G12218	MR	G	G12242	CR	G	G12266	RJ	G	G12290	CR	G
G12172	CR	M	G12194	CR	G	G12219	RS	G	G12243	MR	G	G12267	MR	G	G12291	CR	G
G12172	CR	M	G12195	CF	G	G12220	CF	G	G12244	AM	G	G12268	MR	G	G12292	MR	G
G12172A	MR	G	G12196	CR	G	G12221	MR	G	G12245	AM	G	G12269	NE	G	G12293	MR	G
G12173	RS	M	G12197	AM	M	G12222	MR	G	G12246	AM	G	G12270	MR	M	G12294	MR	G
G12174	AM	M	G12198	CR	G	G12223	AM	G	G12247	CR	G	G12271	MR	G	G12295	NE	G
G12175	AM	M	G12199	BL	G	G12224	RS	G	G12248	CR	G	G12272	RJ	G	G12296	CR	G
G12176	RS	M	G12201	AM	P	G12225	MR	G	G12249	MR	G	G12273	RJ	G	G12297	MR	G
G12177	CR	M	G12202	CR	P	G12226	MR	G	G12250	RS	G	G12274	MR	G	G12298	MR	G
G12178	CR	M	G12203	NE	P	G12227	CF	G	G12251	CR	G	G12275	MR	G	G12299	MR	G
G12179	CR	M	G12204	AM	M	G12228	CR	G	G12252	MR	G	G12276	MR	G	G12300	MR	G

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G12325	AM	G	G12349	MR	M	G12373	AM	M	G12397	MR	M	G12421	RJ	G	G12445	BL	G
G12326	MR	G	G12350	CF	M	G12374	AM	M	G12398	MR	G	G12422	BL	P	G12446	AM	G
G12327	CR	G	G12351	CF	G	G12375	AM	M	G12399	MR	G	G12423	BL	G	G12447	AM	G
G12328	CR	G	G12352	OT	G	G12376	AM	P	G12400	AM	M	G12424	BL	P	G12448	AM	G
G12329	CR	G	G12353	OT	G	G12377	AM	M	G12401	AM	M	G12425	BL	G	G12449	CR	P
G12330	MR	G	G12354	CR	G	G12378	CR	G	G12402	RJ	P	G12426	BL	P	G12450	CR	M
G12331	RJ	G	G12355	CR	G	G12379	CR	M	G12403	RS	G	G12427	BL	P	G12451	NE	G
G12332	MR	G	G12356	CR	M	G12380	CR	G	G12404	BL	G	G12428	BL	M	G12452	CR	M
G12333	MR	G	G12357	MR	G	G12381	CR	M	G12405	BL	M	G12429	BL	G	G12453	AM	M
G12334	CR	G	G12358	RJ	G	G12382	MR	M	G12406	AM	G	G12430	NE	P	G12454	AM	M
G12335	BL	G	G12359	CR	G	G12383	MR	M	G12407	CR	G	G12431	NE	P	G12455	CH	P
G12336	NE	G	G12360	BL	G	G12384	CR	M	G12408	CR	G	G12432	NE	P	G12456	RJ	M
G12337	CR	G	G12361	BL	G	G12385	MR	P	G12409	CR	G	G12433	NE	P	G12457	RJ	P
G12338	BL	G	G12362	AM	G	G12386	CF	G	G12410	CR	P	G12434	NE	P	G12458	AM	M
G12339	BL	G	G12363	MR	G	G12387	AM	M	G12411	NE	P	G12435	AM	P	G12459	CR	G
G12340	CR	M	G12364	AM	G	G12388	AM	P	G12412	BL	G	G12436	BL	G	G12460	NE	P
G12341	NE	G	G12365	AM	G	G12389	CR	M	G12413	AM	G	G12437	AM	P	G12461	CR	P
G12342	NE	G	G12366	CR	M	G12390	MR	G	G12414	AM	G	G12438	AM	G	G12462	MR	P
G12343	NE	M	G12367	CR	G	G12391	AM	P	G12415	CR	G	G12439	CH	G	G12463	AM	G
G12344	CR	G	G12368	AM	M	G12392	CF	P	G12416	RS	M	G12440	CR	M	G12464	CR	P
G12345	AM	G	G12369	BL	G	G12393	MR	G	G12417	CR	G	G12441	CR	G	G12465	CR	P
G12346	AM	G	G12370	BL	G	G12394	AM	M	G12418	AM	G	G12442	AM	G	G12466	CR	M
G12347	AM	G	G12371	AM	G	G12395	AM	M	G12419	CR	P	G12443	AM	G	G12467	NE	G
G12348	MR	G	G12372	AM	G	G12396	CR	G	G12420	AM	P	G12444	AM	G	G12468	CR	P

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G12493	CF P	G12517	CR M	G12541	CR G	G12565	RS G	G12589	RJ G	G12613	BL M	G12637	AM G
G12494	AM M	G12518	CR G	G12542	CR G	G12566	MR G	G12590	AM G	G12614	CR G	G12638	CR G
G12495	BL M	G12519	CR M	G12543	CR G	G12567	NE G	G12591	BL G	G12615	AM M	G12639	AM G
G12496	AM G	G12520	AM M	G12544	CP G	G12568	CF G	G12592	RJ G	G12616	AM G	G12640	AM G
G12497	CR G	G12521	AM M	G12545	MR M	G12569	CF G	G12593	BL G	G12617	CR G	G12641	CR G
G12498	BL G	G12522	AM M	G12546	CR M	G12570	RS G	G12594	BL G	G12618	RJ M	G12642	MR M
G12499	MR G	G12523	AM G	G12547	CR G	G12571	RJ G	G12595	BL G	G12619	CR M	G12643	CR G
G12500	AM G	G12524	AM M	G12548	MR M	G12572	RS G	G12596	AM G	G12620	AM G	G12644	NE G
G12501	CR G	G12525	AM M	G12549	RS M	G12573	CF G	G12597	BL G	G12621	DT M	G12645	CR G
G12502	RJ G	G12526	AM M	G12550	MR M	G12574	DT G	G12598	CF G	G12622	CF P	G12646	MR M
G12503	RJ M	G12527	AM M	G12551	RJ M	G12575	DT M	G12599	MR G	G12623	CF G	G12647	MR G
G12504	CR M	G12528	RJ M	G12552	MR M	G12576	MR G	G12600	RJ G	G12624	CR M	G12648	CR G
G12505	CR M	G12529	RJ M	G12553	MR M	G12577	CF G	G12601	RJ G	G12625	RJ G	G12649	RJ G
G12506	DT M	G12530	RJ M	G12554	MR M	G12578	AM G	G12602	MR G	G12626	RS M	G12650	RJ G
G12507	DT M	G12531	RJ M	G12555	MR M	G12579	AM G	G12603	BL P	G12627	MR P	G12651	CR G
G12508	DT M	G12532	RJ M	G12556	CF P	G12580	NE G	G12604	MR P	G12628	CR P	G12652	MR G
G12509	DT M	G12533	RJ M	G12557	CF P	G12581	CF G	G12605	MR M	G12629	NE M	G12653	RS G
G12510	DT M	G12534	RJ M	G12558	DT P	G12582	RS G	G12606	MR P	G12630	AM M	G12654	RJ G
G12511	DT M	G12535	RJ M	G12559	CF P	G12583	RS G	G12607	AM M	G12631	AM G	G12655	MR G
G12512	CR G	G12536	RJ M	G12560	DT P	G12584	CF M	G12608	AM G	G12632	AM M	G12656	RS G
G12513	CR G	G12537	CR G	G12561	MR G	G12585	NE G	G12609	AM G	G12633	AM M	G12657	CR G
G12514	CF P	G12538	CR G	G12562	BL G	G12586	NE G	G12610	CR M	G12634	CR G	G12658	MR G
G12515	CP G	G12539	CR G	G12563	AM G	G12587	CR G	G12611	CR M	G12635	AM G	G12659	RJ G
G12516	CR M	G12540	CR M	G12564	MR G	G12588	BL G	G12612	CR G	G12636	AM M	G12660	CF G

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G12661	RJ	G	G12685	MR	M	G12709	MR	G	G12731	AM	M	G12753	BL	P	G12777	AM	M	G12801	CR	G
G12662	MR	G	G12686	MR	M	G12709A	RJ	G	G12732	RJ	P	G12754	BL	P	G12778	CR	M	G12802	AM	M
G12663	MR	M	G12687	MR	G	G12709B	NE	G	G12733	MR	P	G12755	BL	P	G12779	AM	M	G12803	AM	P
G12664	RJ	G	G12688	CR	G	G12710	CF	M	G12734	AM	M	G12756	NE	P	G12780	AM	M	G12804	NE	P
G12665	CP	G	G12689	RS	G	G12711	MR	G	G12735	AM	M	G12757	NE	P	G12781	AM	M	G12805	NE	P
G12666	CR	M	G12690	CR	G	G12712	AM	G	G12736	AM	P	G12758	AM	M	G12782	AM	M	G12806	NE	P
G12667	BL	G	G12691	AM	G	G12713	BL	G	G12737	AM	M	G12759	AM	M	G12783	AM	M	G12807	NE	P
G12668	MR	G	G12692	MR	M	G12714	DT	M	G12737A	BL	M	G12760	AM	M	G12784	AM	P	G12808	CR	P
G12669	BL	G	G12693	NE	G	G12715	CR	G	G12738	AM	M	G12761	AM	M	G12785	AM	M	G12809	CR	P
G12670	RJ	G	G12694	CR	G	G12716	MR	G	G12739	AM	M	G12762	AM	G	G12786	AM	M	G12810	NE	P
G12671	CR	M	G12695	MR	G	G12717	RJ	G	G12740	AM	M	G12763	AM	M	G12787	AM	M	G12811	NE	P
G12672	AM	G	G12696	MR	G	G12718	RJ	G	G12741	RS	P	G12764	AM	M	G12788	CR	G	G12812	CR	P
G12673	CR	G	G12697	CR	G	G12719	NE	G	G12742	AM	M	G12765	AM	P	G12789	AM	M	G12813	CR	M
G12674	CR	G	G12698	CR	G	G12720	CR	G	G12743	NE	P	G12766	BL	P	G12790	CR	G	G12814	CR	G
G12675	BL	G	G12699	CR	G	G12721	RJ	G	G12744	BL	P	G12767	BL	P	G12791	AM	M	G12815	RS	M
G12676	CF	G	G12700	MR	G	G12722	CR	G	G12745	AM	M	G12768	BL	P	G12792	AM	M	G12816	AM	M
G12677	BL	G	G12701	CR	G	G12723	CR	G	G12746	CR	M	G12769	AM	M	G12793	CR	G	G12817	RJ	G
G12678	CR	M	G12702	AM	G	G12724	BL	G	G12747	AM	M	G12770	AM	M	G12794	CR	P	G12818	RJ	G
G12679	CF	G	G12703	MR	G	G12725	BL	M	G12748	AM	P	G12771	AM	G	G12795	AM	M	G12819	RJ	G
G12680	CR	M	G12704	MR	G	G12726	CR	G	G12749	AM	P	G12772	CR	G	G12796	CR	P	G12820	RJ	P
G12681	CF	G	G12705	MR	G	G12727	RJ	P	G12749A	AM	P	G12773	AM	M	G12797	AM	M	G12821	BL	P
G12682	RS	G	G12706	AM	G	G12728	AM	G	G12750	CR	P	G12774	AM	M	G12798	CR	P	G12822	RJ	G
G12683	CR	G	G12707	NE	G	G12729	AM	G	G12751	BL	P	G12775	AM	M	G12799	CR	P	G12823	MR	G
G12684	AM	M	G12708	NE	G	G12730	AM	G	G12752	AM	G	G12776	CR	P	G12800	DT	M	G12824	RJ	G

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G12825	RJ	M	G12849	AM	M	G12864	OT	P	G12879	OT	P	G12899	RS	P	G12920	CR	P	G12944	OT	P
G12826	RJ	G	G12850	AM	M	G12865	OT	P	G12879A	CF	P	G12900	RS	P	G12921	CR	P	G12945	NE	P
G12827	RJ	G	G12851	CR	P	G12866	OT	P	G12880	CF	P	G12901	RS	P	G12922	NE	P	G12946	CR	P
G12828	RJ	P	G12852	OT	P	G12867	CR	P	G12880A	CF	P	G12902	RS	M	G12923	NE	P	G12947	AM	P
G12829	RJ	G	G12853	CR	P	G12867A	CF	P	G12881	CF	P	G12903	RS	P	G12924	NE	P	G12948	AM	P
G12830	RJ	M	G12854	NE	P	G12868	OT	P	G12881A	CF	P	G12904	CF	P	G12925	NE	P	G12949	AM	P
G12831	RS	M	G12855	NE	P	G12869	OT	P	G12882	OT	P	G12905	AM	P	G12926	NE	P	G12950	AM	P
G12832	MR	P	G12855A	CF	P	G12870	OT	P	G12883	OT	P	G12906	AM	P	G12927	NE	P	G12951	AM	P
G12833	MR	P	G12856	CF	P	G12871	OT	P	G12884	CF	P	G12907	CR	P	G12928	NE	P	G12952	AM	P
G12834	BL	P	G12856A	NE	M	G12872	OT	P	G12885	CR	P	G12908	AM	P	G12929	NE	P	G12953	AM	P
G12835	BL	P	G12856B	CF	M	G12872A	CF	P	G12886	CR	P	G12909	AM	P	G12930	NE	P	G12954	AM	P
G12836	CF	P	G12857	OT	P	G12873	OT	P	G12887	CR	P	G12910	CF	P	G12931	NE	P	G12955	AM	P
G12837	CF	P	G12857A	CR	P	G12873A	OT	P	G12888	CF	P	G12910A	CF	P	G12932	NE	P	G12956	AM	P
G12838	NE	P	G12858	OT	P	G12873C	NE	P	G12889	NE	P	G12911	NE	P	G12933	NE	P	G12957	CF	P
G12839	MR	G	G12858A	OT	M	G12874	OT	P	G12890	NE	P	G12911A	CF	P	G12934	NE	P	G12958	CF	P
G12840	NE	M	G12858B	CR	M	G12874A	CF	P	G12891	NE	P	G12912	CF	P	G12935	NE	P	G12959	CF	P
G12841	OT	P	G12858C	NE	M	G12874B	CF	P	G12892	NE	P	G12913	CF	P	G12936	NE	P	G12960	RS	P
G12842	RJ	G	G12859	OT	P	G12875	OT	P	G12893	NE	P	G12914	OT	P	G12937	NE	P	G12961	RS	P
G12843	RS	M	G12860	CR	P	G12875	OT	P	G12894	RS	P	G12915	CF	P	G12938	NE	P	G12962	OT	P
G12844	NE	P	G12861	CF	P	G12876A	NE	P	G12895	CF	P	G12915A	CR	P	G12939	NE	P	G12963	OT	P
G12845	BL	P	G12862	OT	P	G12877	OT	P	G12896	CF	M	G12916	NE	P	G12940	NE	P	G12964	CF	P
G12846	BL	P	G12862A	CF	P	G12877A	CF	P	G12896A	CR	G	G12917	NE	P	G12941	NE	P	G12965	OT	P
G12847	CR	M	G12862B	CF	P	G12877B	NE	P	G12897	RS	P	G12918	CR	P	G12942	CF	P	G12966	OT	P
G12848	RJ	M	G12863	CF	P	G12878	NE	P	G12898	RS	P	G12919	CR	P	G12943	NE	P	G12967	OT	P

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G12968	DT	P	G12992	NE	P	G13015	NE	P	G13031	NE	P	G13054	RJ	P	G13076	BL	G
G12969	DT	P	G12993	CF	P	G13015A	CF	P	G13032	NE	P	G13054A	NE	P	G13077	BL	G
G12970	DT	P	G12994	AM	P	G13016	DT	P	G13033	DT	P	G13055	RJ	P	G13078	BL	G
G12971	DT	P	G12995	AM	P	G13017	NE	P	G13034	CR	P	G13056	RJ	P	G13079	BL	G
G12972	DT	P	G12996	AM	P	G13018	CR	P	G13035	DT	P	G13057	RJ	P	G13080	BL	G
G12973	DT	P	G12997	NE	P	G13018A	CF	P	G13036	DT	P	G13058	BL	G	G13081	BL	G
G12974	DT	P	G12997A	AM	P	G13018B	CF	P	G13037	NE	P	G13059	RJ	G	G13082	BL	G
G12975	DT	P	G12998	DT	P	G13019	CR	P	G13038	CF	P	G13060	CF	M	G13083	BL	G
G12976	DT	P	G12999	CF	P	G13019A	CF	P	G13039	BL	G	G13061	BL	G	G13084	BL	G
G12977	DT	P	G13000	NE	P	G13019B	CF	P	G13039A	CF	M	G13062	BL	G	G13085	BL	G
G12978	DT	P	G13001	DT	P	G13020	DT	P	G13040	RJ	P	G13063	BL	G	G13086	BL	G
G12979	DT	P	G13002	CR	P	G13021	DT	P	G13041	BL	G	G13064	BL	G	G13087	BL	G
G12980	DT	P	G13003	CR	P	G13022	CR	P	G13042	RJ	P	G13065	RS	P	G13088	BL	G
G12981	DT	P	G13004	CF	P	G13023	CF	P	G13043	BL	G	G13066	RJ	P	G13089	BL	G
G12982	DT	P	G13005	DT	P	G13023A	CF	P	G13044	RJ	P	G13067	RJ	P	G13090	BL	G
G12983	DT	P	G13006	CF	P	G13024	CF	G	G13045	BL	G	G13068	RJ	P	G13091	BL	G
G12984	DT	P	G13007	CF	P	G13024A	CF	P	G13046	NE	G	G13069	MR	P	G13092	BL	G
G12985	DT	P	G13008	DT	P	G13024B	CF	P	G13047	BL	G	G13070	RJ	P	G13093	BL	G
G12986	CF	P	G13009	NE	P	G13025	DT	P	G13048	BL	G	G13071	RJ	P	G13094	AM	G
G12987	DT	P	G13010	CF	P	G13026	DT	P	G13049	BL	G	G13072	RJ	P	G13095	BL	G
G12988	CF	P	G13011	NE	P	G13027	DT	P	G13050	RJ	P	G13072A	CR	G	G13096	BL	G
G12989	CF	P	G13012	NE	P	G13028	CF	P	G13051	RJ	P	G13073	BL	G	G13097	BL	G
G12990	CF	P	G13013	NE	P	G13029	DT	P	G13052	RJ	P	G13074	BL	G	G13098	RJ	P
G12991	CR	P	G13014	DT	P	G13030	DT	P	G13053	RJ	P	G13075	BL	G	G13099	RJ	P

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
G13123	BL G	G13147	BL G	G13171	BL G	G13195	MR G	G13219	CR M	G13243	CR G	G13267	CR G
G13124	BL G	G13148	BL G	G13172	BL G	G13196	RJ G	G13220	AM G	G13244	CR G	G13268	CR G
G13125	RJ P	G13149	BL G	G13173	BL G	G13197	RJ G	G13221	AM G	G13245	CR G	G13269	CR G
G13126	BL G	G13150	BL G	G13174	BL G	G13198	RJ G	G13222	RS G	G13246	CR G	G13270	CR G
G13127	BL G	G13151	BL G	G13175	UT G	G13199	RJ G	G13223	BL M	G13247	RS G	G13271	CR G
G13128	BL G	G13152	BL G	G13176	NE P	G13200	RJ G	G13224	MR G	G13248	RJ G	G13272	BL G
G13129	BL G	G13153	BL G	G13177	CR G	G13201	RJ G	G13225	RS G	G13249	RJ G	G13273	BL G
G13130	BL G	G13154	BL G	G13178	NE M	G13202	MR G	G13226	RS G	G13250	CR G	G13274	BL M
G13131	BL G	G13155	BL G	G13179	CR M	G13203	MR G	G13227	CR G	G13251	RS G	G13275	BL G
G13132	BL G	G13156	RJ G	G13180	NE M	G13204	NE M	G13228	MR G	G13252	CR G	G13276	BL G
G13133	BL G	G13157	CF M	G13181	NE M	G13205	AM G	G13229	RJ G	G13253	CR G	G13277	BL G
G13134	BL G	G13158	BL M	G13182	BL M	G13206	AM G	G13230	RS G	G13254	RS G	G13278	BL G
G13135	BL G	G13159	BL M	G13183	BL M	G13207	AM G	G13231	RJ G	G13255	RJ G	G13279	BL P
G13136	BL G	G13160	BL G	G13184	BL G	G13208	AM G	G13232	RJ G	G13256	CR G	G13280	BL P
G13137	BL G	G13161	BL G	G13185	BL G	G13209	AM G	G13233	CR G	G13257	BL G	G13281	BL P
G13138	BL G	G13162	BL G	G13186	BL G	G13210	AM G	G13234	CR G	G13258	CR G	G13282	BL M
G13139	BL G	G13163	BL G	G13187	BL G	G13211	AM G	G13235	CR G	G13259	RJ G	G13283	BL P
G13140	BL G	G13164	BL G	G13188	BL G	G13212	AM G	G13236	CR G	G13260	RS G	G13284	BL M
G13141	BL G	G13165	RJ P	G13189	BL G	G13213	CR G	G13237	CR G	G13261	CR G	G13285	BL M
G13142	BL G	G13166	RJ P	G13190	BL G	G13214	CF G	G13238	CR G	G13262	RS G	G13286	BL M
G13143	BL G	G13167	BL G	G13191	BL G	G13215	RS G	G13239	CR G	G13263	CR G	G13287	BL M
G13144	BL G	G13168	RJ P	G13192	BL P	G13216	AM G	G13240	CR G	G13264	CR G	G13288	BL M
G13145	BL G	G13169	BL G	G13193	BL G	G13217	AM G	G13241	CR G	G13265	CR G	G13289	BL M
G13146	BL G	G13170	AM G	G13194	RJ G	G13218	NE G	G13242	CR G	G13266	CR G	G13290	BL M



N\_CIAT CP TM

N\_C IAT CP TN

N\_C IAT CP TM

N\_CIAT CP TM

N\_C IAT CP TM

N\_C1AT CP TM

N\_C IAT CP TM

GI 3291	BL M
GI 3292	BL G
GI 3293	BL P
GI 3294	BL G
GI 3295	BL G
GI 3296	BL G
GI 3297	BL G
GI 3298	BL G
GI 3299	BL M
GI 3300	BL M
GI 3301	BL M
GI 3302	BL M
GI 3303	BL P
GI 3304	BL M
GI 3305	BL G
GI 3306	RJ G
GI 3307	RJ G
GI 3308	MR G
GI 3309	CR M
GI 3310	NE P
GI 3311	CR G
GI 3312	RS M
GI 3313	AM M
GI 3314	RJ G

G13315	CR	M
G13316	RJ	G
G13317	RJ	P
G13318	NE	M
G13319	NE	M
G13320	NE	P
G13321	AM	G
G13322	CR	G
G13323	NE	P
G13324	CR	G
G13325	CR	G
G13326	RJ	G
G13327	CR	G
G13328	CR	G
G13329	CR	G
G13330	CR	G
G13331	CR	G
G13332	CR	G
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G13334	CR	G
G13335	CR	G
G13336	CR	G
G13337	CR	G
G13338	CR	G

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G13340	RS	M
G13341	CR	M
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G13384	MR	G
G13385	RJ	G
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	G13387	RJ	G
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	G13389	NE	G
	G13390	NE	G
	G13391	NE	G
	G13392	NE	G
	G13393	NE	G
	G13394	AM	G
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	G13400	MP	G
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	G13402	RJ	G
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	G13404	AM	M
	G13405	RJ	G
	G13406	MR	G
	G13407	CR	G
	G13408	CR	G
	G13409	CR	G
	G13410	CR	G

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G13423	BL	G
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G13427	NE	M
G13428	NE	P
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G13431	CF	M
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G13434	CR	G

G13435	CR	G
G13436	CR	G
G13437	RJ	G
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G13440	BL	G
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G13442	BL	G
G13443	BL	M
G13444	BL	M
G13445	BL	G
G13446	BL	M
G13447	BL	G
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G13450	BL	G
G13451	RJ	G
G13452	MR	G
G13453	MR	G
G13454	MR	G
G13455	MR	G
G13456	MR	G
G13457	MR	G
G13458	RJ	G

N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM	N_C IAT	CP TM
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G13459	RJ G	G13483	CR G	G13508	NE P	G13532	AM G	G13554	CR P	G13578	CR P	G13600	AM G
G13460	MR G	G13484	CR G	G13509	AM P	G13533	CR M	G13555	AM P	G13579	CF M	G13601	CF M
G13461	MR G	G13485	CR G	G13510	NE P	G13533A	RS P	G13556	AM P	G13580	CR P	G13602	CR M
G13462	NE G	G13486	CR G	G13511	NE P	G13534	NE P	G13557	AM M	G13581	CR P	G13603	AM M
G13463	MR G	G13487	CR G	G13512	BL P	G13535	CR M	G13558	CR G	G13582	MR G	G13604	NE G
G13464	MR G	G13488	CR G	G13513	NE P	G13536	RS M	G13559	CR P	G13583	RS G	G13605	CF G
G13465	RJ G	G13490	BL G	G13514	NE P	G13537	CR M	G13560	AM M	G13584	BL G	G13606	AM M
G13466	CF G	G13491	BL G	G13515	NE P	G13537A	CR P	G13561	NE P	G13585	BL G	G13607	RJ M
G13467	NE G	G13492	CR G	G13516	AM M	G13538	CR M	G13562	NE P	G13586	RJ G	G13608	CR G
G13468	NE G	G13493	BL G	G13517	NE P	G13539	CR G	G13563	AM P	G13587	BL G	G13609	AM G
G13469	NE M	G13494	MR G	G13518	AM P	G13540	CR M	G13564	CR M	G13588	BL M	G13610	MR M
G13470	NE M	G13495	NE P	G13519	NE P	G13541	AM G	G13565	CR M	G13589	MR G	G13611	RS G
G13471	CF M	G13496	CR M	G13520	NE P	G13542	BL P	G13566	CF P	G13590	RJ G	G13612	AM G
G13472	CF G	G13497	CR P	G13521	NE P	G13543	BL G	G13567	AM M	G13591	CR G	G13613	RJ G
G13473	CF G	G13498	CF P	G13522	NE P	G13544	CR M	G13568	CR M	G13592	CR G	G13614	RJ G
G13474	NE G	G13499	NE P	G13523	NE P	G13545	CR M	G13569	CR P	G13593	CR G	G13615	RS G
G13475	MR G	G13500	BL P	G13524	NE P	G13546	CR M	G13570	CR M	G13594	RJ G	G13616	BL M
G13476	AM G	G13501	BL P	G13525	NE M	G13547	BL P	G13571	CR P	G13595	RS G	G13617	CR M
G13477	CR G	G13502	AM P	G13526	NE M	G13548	CR G	G13572	CR P	G13596	MR M	G13618	BL G
G13478	CR G	G13503	NE P	G13527	NE P	G13549	CF M	G13573	NE M	G13597	CF M	G13619	RJ M
G13479	CR G	G13504	CF P	G13528	NE P	G13550	NE P	G13574	CF P	G13598	CR G	G13620	CR M
G13480	CR G	G13505	AM P	G13529	NE P	G13551	CR M	G13575	CR P	G13599	NE M	G13621	RJ M
G13481	CR G	G13506	CR P	G13530	BL P	G13552	CR P	G13576	RS P	G13599A	CR G	G13622	RS M
G13482	CR G	G13507	NE P	G13531	AM M	G13553	AM P	G13577	CF P	G13599B	CR M	G13623	MR G

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G13624	RJ	G	G13648	OT	G	G13671	CR	G	G13695	CR	M	G13719	RJ	M	G13743	AM	M
G13625	RS	G	G13649	CR	M	G13672	AM	G	G13696	CR	M	G13720	RJ	M	G13744	CR	G
G13626	RJ	G	G13650	CR	G	G13673	AM	G	G13697	RS	M	G13721	CR	M	G13745	CR	G
G13627	RJ	M	G13651	CR	G	G13674	CR	G	G13698	MR	M	G13722	AM	M	G13746	RS	M
G13628	AM	G	G13652	CR	M	G13675	CR	G	G13699	CR	G	G13723	AM	M	G13747	CR	M
G13629	AM	P	G13653	AM	G	G13676	CR	G	G13700	CR	G	G13724	CR	M	G13748	RS	M
G13630	RJ	M	G13654	CF	G	G13677	RS	M	G13701	RS	M	G13725	CR	G	G13749	NE	M
G13631	CR	M	G13655	AM	G	G13678	CR	M	G13702	CR	M	G13726	AM	G	G13750	CR	M
G13632	AM	M	G13656	CR	G	G13679	AM	G	G13703	CR	M	G13727	RS	M	G13751	RS	G
G13633	RJ	M	G13657	CR	G	G13680	CF	G	G13704	CR	G	G13728	RS	P	G13752	RS	M
G13634	AM	M	G13658	CR	G	G13681	CR	G	G13705	CR	G	G13729	NE	G	G13753	RS	P
G13635	BL	M	G13659	CR	G	G13682	CR	M	G13706	RS	M	G13730	CF	M	G13754	MR	P
G13636	AM	M	G13660	CR	G	G13683	OT	M	G13707	CR	G	G13731	CF	M	G13755	RS	P
G13637	RS	M	G13661	CR	M	G13684	RS	P	G13708	CR	G	G13732	OT	M	G13756	MR	P
G13638	RS	M	G13661A	CR	M	G13685	RS	P	G13709	AM	G	G13733	NE	G	G13757	RS	M
G13639	CR	G	G13662	RS	M	G13686	RS	M	G13710	CR	M	G13734	CR	M	G13758	AM	M
G13640	RS	M	G13663	CR	G	G13687	CF	P	G13711	RS	P	G13735	AM	M	G13759	CR	M
G13641	RJ	G	G13664	AM	N	G13688	RS	M	G13712	CR	M	G13736	RJ	G	G13760	CR	P
G13642	AM	G	G13665	RS	G	G13689	RS	M	G13713	CR	M	G13737	AM	G	G13761	CR	P
G13643	RS	M	G13666	CR	G	G13690	RS	M	G13714	RJ	M	G13738	AM	G	G13762	CR	P
G13644	CP	G	G13667	CR	G	G13691	RS	M	G13715	AM	G	G13739	RS	M	G13763	RS	G
G13645	RS	M	G13668	RS	M	G13692	RS	G	G13716	CR	G	G13740	CR	G	G13764	CR	G
G13646	CR	G	G13669	CR	M	G13693	CF	M	G13717	AM	M	G13741	RS	M	G13765	RJ	G
G13647	RS	M	G13670	RS	G	G13694	CF	P	G13718	AM	M	G13742	BL	G	G13766	CR	P

N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM
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G13459	RJ G	G13483	CR G	G13508	NE P	G13532	AM G	G13554	CR P	G13578	CR P	G13600	AM G
G13460	MR G	G13484	CR G	G13509	AM P	G13533	CR M	G13555	AM P	G13579	CF M	G13601	CF M
G13461	MR G	G13485	CR G	G13510	NE P	G13533A	RS P	G13556	AM P	G13580	CR P	G13602	CR M
G13462	NE G	G13486	CR G	G13511	NE P	G13534	NE P	G13557	AM M	G13581	CR P	G13603	AM M
G13463	MR G	G13487	CR G	G13512	BL P	G13535	CR M	G13558	CR G	G13582	MR G	G13604	NE G
G13464	MR G	G13488	CR G	G13513	NE P	G13536	RS M	G13559	CR P	G13583	RS G	G13605	CF G
G13465	RJ G	G13490	BL G	G13514	NE P	G13537	CR M	G13560	AM M	G13584	BL G	G13606	AM M
G13466	CF G	G13491	BL G	G13515	NE P	G13537A	CR P	G13561	NE P	G13585	BL G	G13607	RJ M
G13467	NE G	G13492	CR G	G13516	AM M	G13538	CR M	G13562	NE P	G13586	RJ G	G13608	CR G
G13468	NE G	G13493	BL G	G13517	NE P	G13539	CR G	G13563	AM P	G13587	BL G	G13609	AM G
G13469	NE M	G13494	MR G	G13518	AM P	G13540	CR M	G13564	CR M	G13588	BL M	G13610	MR M
G13470	NE M	G13495	NE P	G13519	NE P	G13541	AM G	G13565	CR M	G13589	MR G	G13611	RS G
G13471	CF M	G13496	CR M	G13520	NE P	G13542	BL P	G13566	CF P	G13590	RJ G	G13612	AM G
G13472	CF G	G13497	CR P	G13521	NE P	G13543	BL G	G13567	AM M	G13591	CR G	G13613	RJ G
G13473	CF G	G13498	CF P	G13522	NE P	G13544	CR M	G13568	CR M	G13592	CR G	G13614	RJ G
G13474	NE G	G13499	NE P	G13523	NE P	G13545	CR M	G13569	CR P	G13593	CR G	G13615	RS G
G13475	MR G	G13500	BL P	G13524	NE P	G13546	CR M	G13570	CR M	G13594	RJ G	G13616	BL M
G13476	AM G	G13501	BL P	G13525	NE M	G13547	BL P	G13571	CR P	G13595	RS G	G13617	CR M
G13477	CR G	G13502	AM P	G13526	NE M	G13548	CR G	G13572	CR P	G13596	MR M	G13618	BL G
G13478	CR G	G13503	NE P	G13527	NE P	G13549	CF M	G13573	NE M	G13597	CF M	G13619	RJ M
G13479	CR G	G13504	CF P	G13528	NE P	G13550	NE P	G13574	CF P	G13598	CR G	G13620	CR M
G13480	CR G	G13505	AM P	G13529	NE P	G13551	CR M	G13575	CR P	G13599	NE M	G13621	RJ M
G13481	CR G	G13506	CR P	G13530	BL P	G13552	CR P	G13576	RS P	G13599A	CR G	G13622	RS M
G13482	CR G	G13507	NE P	G13531	AM M	G13553	AM P	G13577	CF P	G13599B	CR M	G13623	MR G

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G13790	CR	M	G13808	BL	G	G13831	RJ	G	G13849	RJ	G	G13873	OT	M	G13897	RJ	G
G13790A	CR	P	G13809	BL	M	G13832	MR	M	G13850	MR	M	G13874	RJ	M	G13898	MR	G
G13791	MR	M	G13810	BL	G	G13833	MR	G	G13851	MR	G	G13875	AM	G	G13899	RS	G
G13791A	CR	M	G13811	CR	G	G13834	CR	G	G13852	MR	G	G13876	AM	M	G13900	MR	G
G13792	BL	G	G13812	CR	M	G13835	RJ	G	G13853	CR	G	G13877	MR	G	G13901	RS	G
G13793	MR	M	G13813	BL	G	G13835A	RJ	G	G13854	MR	M	G13878	RJ	G	G13902	RS	G
G13794	MR	G	G13813A	BL	G	G13835B	CR	M	G13855	CR	G	G13879	MR	G	G13903	RJ	G
G13795	BL	G	G13814	RS	G	G13836	CR	G	G13856	MR	G	G13880	MR	G	G13904	CR	M
G13796	RJ	G	G13815	RJ	G	G13836A	MR	M	G13857	CR	G	G13881	RJ	G	G13905	RJ	G
G13797	RJ	G	G13816	CR	G	G13836B	RJ	M	G13858	CR	G	G13882	RJ	M	G13906	RJ	G
G13798	BL	M	G13817	CR	M	G13836C	CR	G	G13859	CR	G	G13883	RJ	G	G13907	MR	G
G13799	CR	G	G13818	CR	G	G13837	CR	G	G13860	BL	G	G13884	MR	G	G13907A	RJ	M
G13800	RS	G	G13819	RS	G	G13838	CR	M	G13861	MR	G	G13885	MR	G	G13907B	RJ	M
G13800A	RS	M	G13820	RJ	G	G13839	CR	G	G13862	MR	G	G13886	RJ	G	G13909	RJ	G
G13800B	AM	M	G13821	RJ	G	G13840	BL	G	G13863	MR	G	G13887	RJ	G	G13910	RJ	G
G13801	BL	G	G13822	MR	G	G13841	CR	G	G13864	RJ	M	G13888	RJ	G	G13911	RJ	G
G13801A	AM	M	G13823	MR	M	G13842	RS	G	G13865	MR	G	G13889	MR	G	G13911A	RJ	G
G13802	BL	M	G13824	CR	G	G13843	BL	M	G13866	AM	G	G13890	RJ	G	G13912	RJ	G
G13802A	CR	G	G13825	RJ	G	G13843A	BL	G	G13867	AM	G	G13891	RS	G	G13913	RS	G
G13803	RJ	G	G13826	BL	G	G13844	CR	G	G13868	MR	G	G13892	RJ	G	G13914	RJ	G
G13804	BL	M	G13827	RJ	G	G13845	MR	M	G13869	CR	G	G13893	RJ	G	G13915	RJ	G
G13805	BL	G	G13828	CR	G	G13846	CR	M	G13870	NE	G	G13894	RJ	G	G13916	MR	G
G13806	BL	G	G13829	RJ	G	G13847	MP	G	G13871	OT	M	G13895	RJ	G	G13917	MR	M
G13807	BL	M	G13830	AM	M	G13848	CR	G	G13872	AM	M	G13896	RJ	G	G13918	NE	G

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G13944	RJ	M	G13968	BL	M	G13992	RJ	G	G14029	BL	P	G14054	BL	G	G14078	CR	M
G13945	CR	G	G13969	RJ	G	G13993	AM	G	G14030	MR	P	G14055	CF	P	G14079	RS	M
G13946	CR	G	G13970	BL	M	G13994	BL	G	G14032	RS	G	G14056	AM	P	G14080	MR	G
G13947	CR	G	G13971	MR	G	G13995	MR	G	G14033	CR	G	G14057	CR	G	G14081	CR	M
G13948	BL	M	G13972	RJ	G	G13996	NE	M	G14034	CR	G	G14058	NE	M	G14082	RS	M
G13949	MR	G	G13973	MR	G	G13997	BL	G	G14035	CR	G	G14059	CR	M	G14083	CR	M
G13950	CR	M	G13974	BL	G	G13998	RJ	M	G14036	CR	G	G14060	NE	M	G14084	RS	M
G13951	MR	G	G13975	MR	G	G13999	MR	G	G14037	NE	P	G14061	NE	P	G14085	RS	M
G13952	AM	G	G13976	BL	G	G14000	RJ	G	G14038	NE	P	G14062	CF	M	G14086	RS	M
G13953	MR	G	G13977	MR	G	G14001	BL	G	G14039	CF	P	G14063	MR	P	G14087	RS	M
G13954	BL	G	G13978	BL	G	G14002	CR	M	G14040	CR	M	G14064	CR	G	G14088	RS	M
G13955	AM	M	G13979	MR	G	G14003	MR	M	G14041	NE	M	G14065	CR	P	G14089	RS	M
G13956	MR	G	G13980	CR	G	G14005	BL	G	G14042	BL	M	G14066	AM	M	G14090	RS	M
G13957	BL	G	G13981	MR	G	G14006	MR	G	G14043	BL	P	G14067	BL	P	G14091	CR	M
G13958	BL	G	G13982	BL	G	G14007	MR	G	G14044	NE	M	G14068	BL	P	G14092	CR	M
G13959	BL	G	G13983	BL	G	G14008	CR	G	G14045	CR	P	G14069	BL	M	G14093	RS	M
G13960	RJ	G	G13984	BL	G	G14009	RS	G	G14046	MR	M	G14070	BL	M	G14094	BL	G
G13961	MR	G	G13985	BL	G	G14010	RJ	G	G14047	RJ	M	G14071	BL	P	G14095	BL	G
G13962	AM	G	G13986	MR	G	G14011	MR	G	G14048	RJ	G	G14072	BL	M	G14096	CR	G
G13963	CR	G	G13987	AM	G	G14013	RJ	G	G14049	BL	P	G14073	BL	M	G14097	BL	G
G13964	RJ	G	G13988	CR	M	G14014	MR	M	G14050	MR	M	G14074	BL	G	G14098	BL	G
G13965	RJ	G	G13989	CR	M	G14016	RJ	G	G14051	BL	P	G14075	CR	M	G14099	BL	P
G13966	BL	M	G13990	BL	G	G14024	AM	M	G14052	CF	P	G14076	CR	M	G14100	BL	M
G13967	MR	M	G13991	BL	G	G14025	CF	P	G14053	AM	P	G14077	RS	M	G14101	BL	M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM			
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G14126	MR	M	G14150	BL	M	G14174	CR	P	G14198	BL	G	G14222	CR	M	G14246	AM	M	G14270	CR	G
G14127	CR	G	G14151	NE	P	G14175	MR	G	G14199	CR	P	G14223	CR	G	G14247	RJ	G	G14271	CR	G
G14128	CF	M	G14152	RJ	M	G14176	AM	G	G14200	CR	G	G14224	CR	G	G14248	RJ	G	G14272	CR	G
G14129	MR	M	G14153	CR	M	G14177	AM	M	G14201	MR	G	G14225	AM	G	G14249	CR	G	G14273	CR	G
G14130	CF	M	G14154	RS	P	G14178	CR	G	G14202	RJ	M	G14226	BL	G	G14250	AM	M	G14274	CR	G
G14131	AM	M	G14155	CR	M	G14179	CR	M	G14203	CR	P	G14227	AM	G	G14251	AM	G	G14275	CR	G
G14132	CR	G	G14156	CR	M	G14180	CR	M	G14204	CR	M	G14228	CR	G	G14252	AM	M	G14276	MR	G
G14133	MR	M	G14157	CR	P	G14181	CR	M	G14205	CR	P	G14229	CR	G	G14253	AM	M	G14277	RJ	G
G14134	AM	P	G14158	BL	G	G14182	CR	G	G14206	CR	G	G14230	CR	G	G14254	RJ	M	G14278	MR	G
G14135	BL	M	G14159	BL	M	G14183	CR	M	G14207	MR	G	G14231	MR	M	G14255	CR	G	G14279	AM	M
G14136	BL	M	G14160	CR	M	G14184	CR	P	G14208	MR	G	G14232	CR	G	G14256	AM	G	G14280	AM	M
G14137	CF	M	G14161	CR	M	G14185	CR	M	G14209	RS	M	G14233	CR	M	G14257	AM	M	G14281	CR	G
G14138	BL	M	G14162	NE	M	G14186	CR	M	G14210	CR	G	G14234	CR	M	G14258	AM	M	G14282	BL	M
G14139	RJ	M	G14163	RS	P	G14187	AM	G	G14211	CR	P	G14235	CR	G	G14259	CR	M	G14283	RS	M
G14140	RJ	M	G14164	NE	P	G14188	CR	G	G14212	CR	M	G14236	CR	G	G14260	CR	G	G14284	CR	G
G14141	CR	P	G14165	CR	M	G14189	CR	P	G14213	CR	M	G14237	CR	G	G14261	CR	G	G14285	CR	M
G14142	BL	P	G14166	CR	P	G14190	CR	G	G14214	AM	G	G14238	CR	M	G14262	AM	G	G14286	CR	M
G14143	BL	P	G14167	BL	P	G14191	BL	G	G14215	CR	P	G14239	CR	M	G14263	RJ	M	G14287	CR	G
G14144	BL	M	G14168	BL	M	G14192	BL	G	G14216	CF	P	G14240	CR	G	G14264	CR	G	G14288	RJ	M
G14145	BL	M	G14169	BL	P	G14193	CR	M	G14217	CR	P	G14241	RS	M	G14265	BL	G	G14289	CR	G
G14146	BL	M	G14170	RJ	M	G14194	CR	P	G14218	OT	P	G14242	CR	M	G14266	CR	G	G14290	AM	G
G14147	RJ	M	G14171	CR	G	G14195	CR	M	G14219	BL	G	G14243	CR	M	G14267	CR	G	G14291	AM	G
G14148	BL	M	G14172	AM	G	G14196	CR	M	G14220	CR	M	G14244	AM	G	G14268	CR	M	G14292	AM	G
G14149	NE	P	G14173	CR	M	G14197	CR	M	G14221	BL	G	G14245	RJ	G	G14269	CR	G	G14293	CR	G

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
G14294	CR G	G14318	DT M	G14342	CR G	G14366	MR G	G14390	RJ G	G14414	CR M	G14438	BL G
G14295	AM G	G14319	CR P	G14343	CR G	G14367	MR G	G14391	CR G	G14415	BL M	G14439	BL G
G14296	AM G	G14320	CR G	G14344	CR G	G14368	MR G	G14392	MR G	G14416	BL G	G14440	BL G
G14297	CR G	G14321	MR G	G14345	RJ M	G14369	MR G	G14393	RJ G	G14417	CR G	G14441	BL G
G14298	AM G	G14322	AM G	G14346	CR G	G14370	MR G	G14394	MR G	G14418	MR G	G14442	CR G
G14299	CR M	G14323	CR G	G14347	AM G	G14371	MR G	G14395	RJ P	G14419	BL G	G14443	AM G
G14300	CR M	G14324	CR G	G14348	AM M	G14372	MR G	G14396	MR G	G14420	AM G	G14444	RJ G
G14301	CR M	G14325	CR G	G14349	AM M	G14373	MR G	G14397	MR G	G14421	RS M	G14445	RJ G
G14302	CR G	G14326	CR M	G14350	BL G	G14374	MR G	G14398	RJ P	G14422	CR G	G14446	CR G
G14303	AM G	G14327	CR M	G14351	BL G	G14375	MR G	G14399	MR G	G14423	BL G	G14447	AM G
G14304	AM G	G14328	CR G	G14352	BL G	G14376	MR G	G14400	RJ P	G14424	BL G	G14448	CR G
G14305	AM G	G14329	CR G	G14353	MR G	G14377	CR M	G14401	CR M	G14425	CR G	G14449	CR G
G14306	AM M	G14330	RJ G	G14354	MR G	G14378	CR P	G14402	CR M	G14426	CR G	G14450	AM M
G14307	CR G	G14331	CR G	G14355	RJ G	G14379	AM M	G14403	AM M	G14427	CR G	G14451	AM M
G14308	CR G	G14332	AM G	G14356	AM G	G14380	CR P	G14404	CR G	G14428	AM G	G14452	AM M
G14309	CR G	G14333	MR M	G14357	CR G	G14381	CR G	G14405	AM M	G14429	CR G	G14453	AM G
G14310	CR M	G14334	CR G	G14358	AM M	G14382	RS M	G14406	AM G	G14430	CR G	G14454	CR G
G14311	CR G	G14335	RJ G	G14359	CR G	G14383	CR P	G14407	CR G	G14431	CR G	G14455	AM G
G14312	CR G	G14336	RJ M	G14360	AM G	G14384	AM G	G14408	CR M	G14432	BL G	G14456	AM M
G14313	DT M	G14337	AM M	G14361	AM M	G14385	CR G	G14409	CR G	G14433	CR G	G14457	AM G
G14314	MR M	G14338	AM G	G14362	AM G	G14386	MR M	G14410	BL M	G14434	BL G	G14458	CR G
G14315	CR G	G14339	CR G	G14363	RJ G	G14387	CR M	G14411	CR G	G14435	BL G	G14459	AM M
G14316	RS P	G14340	AM M	G14364	MR G	G14388	MR G	G14412	CR G	G14436	BL G	G14460	CR G
G14317	AM M	G14341	CR G	G14365	MR G	G14389	MR G	G14413	CR G	G14437	BL G	G14461	CR G



N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM	N_C1AT	CP TM
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G14462	MR G	G14486	RS M	G14510	RJ P	G14531	CR M	G14555	BL G	G14579	CR M	G14603	RJ M
G14463	MR G	G14487	RS P	G14511	RJ P	G14532	NE P	G14556	BL P	G14580	CF M	G14604	BL P
G14464	MR G	G14488	RJ P	G14512	RJ P	G14533	MR M	G14557	BL G	G14581	BL M	G14605	BL P
G14465	RJ G	G14489	MR P	G14513	RJ P	G14534	AM M	G14558	BL M	G14582	NE M	G14606	BL P
G14466	CR G	G14490	OT P	G14514	RJ P	G14535	CR G	G14559	BL M	G14583	BL M	G14607	BL M
G14467	AM M	G14491	CR M	G14515	BL P	G14536	CR G	G14560	BL P	G14584	NE M	G14608	RJ M
G14468	RJ P	G14492	CR G	G14516	BL M	G14537	CR M	G14561	BL M	G14585	BL G	G14609	CR G
G14469	CR P	G14493	MR G	G14517	CR P	G14538	BL P	G14562	BL M	G14586	BL P	G14610	RS M
G14470	CR G	G14494	MR G	G14518	CR P	G14539	CR M	G14563	BL M	G14587	AM G	G14611	RS M
G14471	BL M	G14495	BL P	G14519	CF M	G14540	CR P	G14564	BL M	G14588	BL M	G14611A	RS P
G14472	CR M	G14496	MR M	G14520	CR P	G14541	CR M	G14565	BL M	G14589	NE M	G14612	BL M
G14473	RJ P	G14497	AM M	G14521	CR P	G14542	CR M	G14566	BL M	G14590	CF M	G14613	BL M
G14474	RJ G	G14498	BL G	G14522	CR P	G14543	CR M	G14567	BL M	G14591	BL G	G14614	BL M
G14475	CR G	G14499	CR G	G14523	RS G	G14544	BL M	G14568	BL M	G14592	BL G	G14615	BL P
G14476	CR G	G14500	CF P	G14523A	CR M	G14545	BL M	G14569	BL M	G14593	BL G	G14616	CF M
G14477	CR G	G14501	BL M	G14523B	RS M	G14546	BL G	G14570	NE M	G14594	CF P	G14617	BL P
G14478	CR P	G14502	BL P	G14523C	CR M	G14547	BL M	G14571	AM M	G14595	RS P	G14618	CF M
G14479	AM P	G14503	CF M	G14524	CR M	G14548	BL P	G14572	BL G	G14596	NE P	G14619	BL M
G14480	BL G	G14504	RS M	G14525	NE G	G14549	BL M	G14573	CR M	G14597	RJ M	G14620	BL M
G14481	AM G	G14505	RJ P	G14526	RJ P	G14550	BL G	G14574	CR G	G14598	BL M	G14621	BL M
G14482	BL G	G14506	RS P	G14527	RJ G	G14551	BL M	G14575	BL M	G14599	BL P	G14622	BL M
G14483	CR M	G14507	RJ P	G14528	NE P	G14552	BL P	G14576	AM P	G14600	BL P	G14623	AM M
G14484	RJ M	G14508	RS P	G14529	NE M	G14553	BL M	G14577	BL M	G14601	BL M	G14624	CF M
G14485	RS M	G14509	RJ P	G14530	RJ G	G14554	BL G	G14578	NE P	G14602	BL M	G14625	BL M

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
G14626	BL P	G14649	AM M	G14674	BL M	G14699	CR P	G14720	RJ G	G14744	AM P
G14627	BL M	G14650	AM M	G14675	CF P	G14700	BL M	G14721	NE P	G14745	NE P
G14628	BL G	G14651	AM G	G14676	BL P	G14701	RS M	G14722	NE M	G14746	NE P
G14629	AM P	G14652	CR G	G14677	BL M	G14702	CR M	G14723	CF M	G14747	BL P
G14630	BL M	G14653	AM G	G14678	CP G	G14703	BL M	G14724	CR M	G14748	BL M
G14631	BL M	G14654	NE M	G14679	CR M	G14704	CR M	G14725	CR G	G14749	BL G
G14632	BL M	G14655	AM M	G14680	BL M	G14705	AM G	G14726	BL P	G14750	BL M
G14633	BL M	G14656	BL G	G14681	BL P	G14706	RJ G	G14727	BL M	G14751	CR P
G14634	BL G	G14657	CR P	G14682	BL P	G14707	CR G	G14728	CR M	G14752	BL M
G14635	CR G	G14658	AM G	G14683	BL P	G14708	MR G	G14729	NE M	G14753	BL P
G14636	BL M	G14659	RJ G	G14684	RS G	G14709	DT P	G14730	CR P	G14754	NE M
G14637	BL M	G14660	RS G	G14685	MR G	G14710	AM P	G14731	CR P	G14755	BL G
G14638	BL G	G14662	CR M	G14686	MR G	G14711	BL M	G14732	BL P	G14756	BL P
G14639	BL M	G14663	CR M	G14687	BL G	G14712	CR P	G14733	BL P	G14757	BL M
G14640	BL P	G14664	CR G	G14688	CR G	G14713	CF M	G14734	BL M	G14758	BL G
G14641	RS M	G14665	RJ G	G14689	BL M	G14713A	AM P	G14735	BL M	G14759	BL G
G14642	NE G	G14666	CR G	G14690	BL G	G14713B	BL P	G14736	NE M	G14760	BL P
G14643	CF G	G14667	CR M	G14691	CR G	G14713C	RS P	G14737	CR P	G14761	BL G
G14644	CR G	G14668	BL G	G14692	BL M	G14714	RJ P	G14738	BL M	G14762	BL G
G14644A	AM M	G14669	CF P	G14693	AM G	G14715	AM G	G14739	BL G	G14763	BL G
G14645	MR G	G14670	RS G	G14694	CR G	G14716	RJ G	G14740	BL P	G14764	BL G
G14646	MR M	G14671	NE P	G14696	CR M	G14717	AM G	G14741	RJ P	G14765	BL G
G14647	BL M	G14672	AM G	G14697	RS G	G14718	CR M	G14742	BL P	G14766	BL G
G14648	CR G	G14673	BL P	G14698	CF M	G14719	CR G	G14743	BL P	G14767	BL G

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G14792	BL	P	G14816	BL	P	G14840	BL	M	G14864	NE	P	G14886	CR	M	G14909	AM	G
G14793	BL	P	G14817	NE	M	G14841	BL	M	G14865	NE	P	G14887	AM	P	G14910	BL	P
G14794	CR	P	G14818	CR	G	G14842	BL	M	G14866	NE	P	G14888	CR	G	G14911	CF	P
G14795	BL	G	G14819	BL	M	G14843	AM	M	G14867	NE	P	G14889	AM	P	G14912	NE	P
G14796	BL	P	G14820	NE	P	G14844	BL	M	G14868	AM	G	G14889A	CR	P	G14913	AM	M
G14797	BL	P	G14821	BL	M	G14845	BL	M	G14868A	AM	P	G14890	AM	M	G14914	AM	P
G14798	CR	P	G14822	NE	P	G14846	RS	M	G14869	AM	M	G14891	RS	M	G14915	CR	M
G14799	MR	M	G14823	NE	P	G14847	RS	M	G14870	AM	G	G14892	AM	M	G14916	CR	P
G14800	BL	M	G14824	BL	P	G14848	CR	G	G14871	CR	G	G14893	CR	M	G14917	CR	P
G14801	BL	P	G14825	BL	P	G14849	RS	M	G14872	BL	P	G14894	CR	M	G14918	CR	P
G14802	BL	M	G14826	CR	G	G14850	CR	G	G14873	CR	G	G14895	AM	G	G14919	CR	M
G14803	AM	G	G14827	AM	M	G14851	CR	M	G14874	AM	M	G14896	CR	G	G14920	CR	P
G14804	AM	M	G14828	BL	P	G14852	MR	M	G14875	CR	M	G14897	AM	M	G14921	CR	M
G14805	CF	P	G14829	AM	P	G14853	MR	M	G14876	CR	M	G14898	AM	P	G14922	CR	P
G14806	CF	M	G14830	BL	M	G14854	RS	G	G14877	CR	M	G14899	AM	M	G14923	CR	P
G14807	BL	P	G14831	BL	M	G14855	RJ	G	G14878	CR	M	G14900	CR	P	G14924	CR	P
G14808	NE	P	G14832	RS	P	G14856	CR	M	G14879	CR	M	G14901	AM	M	G14925	CR	M
G14809	BL	M	G14833	BL	M	G14857	CR	P	G14880	CR	M	G14902	AM	M	G14926	CR	P
G14810	CF	M	G14834	BL	M	G14858	NE	P	G14881	CR	M	G14903	AM	M	G14927	CR	P
G14811	AM	P	G14835	BL	M	G14859	NE	P	G14882	AM	G	G14904	AM	P	G14928	CR	P
G14812	BL	M	G14836	BL	M	G14860	CF	P	G14883	AM	M	G14905	AM	M	G14929	CR	P
G14813	MR	M	G14837	RJ	P	G14861	NE	P	G14884	AM	M	G14906	CR	M	G14930	CR	P
G14814	CR	M	G14838	BL	M	G14862	CF	M	G14885	AM	G	G14907	AM	M	G14931	CR	P
G14815	NE	P	G14839	BL	M	G14863	CR	G	G14885A	AM	P	G14908	AM	M	G14932	CR	P



N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G15095	CF	P	G15115	RS	G	G15136	MR	M	G15158	CR	M	G15178	CR	M	G15198A	RJ	G
G15096	NE	M	G15115A	RS	M	G15137	RJ	M	G15159	MR	M	G15179	CP	M	G15199	MR	G
G15097	NE	P	G15116	MR	P	G15137A	RJ	G	G15160	RJ	P	G15180	CR	M	G15199A	RJ	G
G15098	RJ	P	G15117	MR	M	G15138	CR	M	G15160A	RJ	M	G15181	NE	P	G15200	MR	M
G15099	RJ	P	G15118	MR	M	G15139	MR	M	G15161	BL	P	G15182	NE	P	G15201	CF	P
G15100	RJ	P	G15119	MR	M	G15140	NE	P	G15162	NE	P	G15183	AM	M	G15202	MR	M
G15101	RS	G	G15120	MR	M	G15141	RJ	M	G15163	RJ	M	G15184	CR	M	G15202A	MR	M
G15102	MR	G	G15120A	MR	M	G15142	NE	M	G15164	CR	P	G15185	CR	M	G15203	NE	G
G15102A	RJ	M	G15121	MR	M	G15143	CF	M	G15165	CR	M	G15186	CR	M	G15204	RS	P
G15103	MR	G	G15122	MR	M	G15144	CF	M	G15166	CF	P	G15187	CP	M	G15205	CF	P
G15104	RS	M	G15123	RJ	M	G15145	RJ	P	G15167	CF	M	G15188	RJ	P	G15206	BL	G
G15105	MR	G	G15124	NE	P	G15146	NE	M	G15168	BL	M	G15189	MR	M	G15207	MR	G
G15105A	RJ	M	G15124A	MR	M	G15146A	CF	P	G15168A	BL	P	G15190	CF	P	G15207A	RJ	M
G15106	NE	M	G15125	MR	P	G15147	NE	P	G15169	BL	P	G15191	CF	P	G15208	MR	G
G15107	NE	P	G15126	MR	M	G15148	CR	M	G15170	BL	P	G15192	NE	P	G15209	MR	M
G15108	RJ	M	G15127	NE	M	G15149	MR	M	G15171	NE	P	G15193	MR	G	G15210	MR	M
G15109	BL	G	G15128	NE	M	G15150	CR	M	G15171A	NE	M	G15194	RJ	M	G15210A	RJ	M
G15110	NE	P	G15129	NE	P	G15151	RJ	G	G15172	RJ	G	G15194A	RJ	G	G15211	NE	M
G15111	NE	P	G15130	NE	M	G15152	NE	P	G15173	RJ	M	G15195	MR	M	G15212	MR	G
G15111A	CF	P	G15131	NE	P	G15153	RJ	P	G15174	CR	M	G15195A	RJ	G	G15213	CR	G
G15112	BL	M	G15132	MR	G	G15154	NE	P	G15175	RJ	P	G15196	NE	M	G15213A	CR	M
G15113	MR	G	G15133	NE	M	G15155	RJ	M	G15175A	RJ	G	G15197	MR	M	G15214	NE	P
G15114	AM	G	G15134	BL	P	G15156	AM	M	G15176	CR	P	G15197A	MR	M	G15215	RJ	P
G15114A	AM	P	G15135	BL	P	G15157	CR	M	G15177	BL	P	G15198	MR	G	G15216	CR	P

[illegible]

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G15375	CR	G	G15393	RJ	G	G15414	AM	M	G15437	BL	P	G15461	CR	G	G15485	BL	M
G15376	CF	M	G15394	MR	G	G15416	CR	P	G15438	CR	G	G15462	BL	M	G15486	CR	M
G15377	CP	M	G15395	BL	M	G15417	RJ	P	G15439	RJ	G	G15463	BL	G	G15487	RJ	G
G15378	OT	M	G15396	MR	G	G15418	AM	M	G15440	CR	M	G15464	BL	P	G15488	RJ	M
G15379	MR	M	G15396A	MR	G	G15419	CR	M	G15441	AM	G	G15465	NE	P	G15489	CR	M
G15380	AM	M	G15397	BL	G	G15420	RJ	M	G15442	CR	G	G15466	NE	P	G15490	CR	G
G15381	AM	M	G15398	CR	M	G15421	OT	P	G15443	RJ	G	G15467	BL	P	G15491	CR	G
G15382	CF	G	G15399	MR	M	G15421A	CF	P	G15444	CR	M	G15468	BL	P	G15492	NE	P
G15383	BL	M	G15399A	MR	M	G15422	CR	P	G15445	BL	P	G15469	CF	M	G15493	AM	P
G15384	RJ	M	G15400	MR	G	G15423	NE	P	G15446	RJ	P	G15470	BL	P	G15494	CR	G
G15384A	AM	M	G15401	BL	M	G15423A	MR	M	G15447	BL	M	G15471	BL	M	G15495	CR	G
G15384B	NE	M	G15402	MR	G	G15424	NE	P	G15448	CF	M	G15472	BL	G	G15496	RS	P
G15385	CR	G	G15403	BL	M	G15425	NE	M	G15449	CR	P	G15473	BL	G	G15497	NE	M
G15385A	CR	M	G15405	CR	G	G15426	NE	M	G15450	BL	M	G15474	RJ	M	G15498	NE	M
G15385B	CP	M	G15406	CR	G	G15427	CR	M	G15451	BL	M	G15475	CR	M	G15499	NE	P
G15386	BL	M	G15407	CR	M	G15428	MR	G	G15452	BL	G	G15476	MR	M	G15500	AM	M
G15387	AM	M	G15408	CR	G	G15429	BL	M	G15453	BL	G	G15477	CR	M	G15501	NE	M
G15388	RJ	M	G15408A	RS	G	G15430	CR	G	G15454	BL	M	G15478	MR	M	G15502	BL	G
G15389	BL	M	G15409	MR	G	G15431	BL	M	G15455	RJ	M	G15479	MR	M	G15503	RJ	M
G15390	NE	M	G15409A	RJ	M	G15432	BL	G	G15456	BL	M	G15480	RS	M	G15504	RJ	M
G15391	CR	G	G15410	CR	M	G15433	BL	M	G15457	BL	M	G15481	CR	G	G15505	RJ	M
G15391A	CR	M	G15411	MR	M	G15434	BL	M	G15458	BL	P	G15482	CR	G	G15506	RJ	M
G15392	CR	M	G15412	CR	M	G15435	BL	P	G15459	BL	P	G15483	CR	M	G15507	RS	M
G15392A	RS	G	G15413	BL	P	G15436	BL	P	G15460	BL	M	G15484	CR	M	G15508	RJ	M

N_CIAI	CP	TM	N_CIAI	CP	TM	N_CIAI	CP	TM	N_CIAI	CP	TM	N_CIAI	CP	TM	N_CIAI	CP	TM
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G13624	RJ	G	G13648	OT	G	G13671	CR	G	G13695	CR	M	G13719	RJ	M	G13743	AM	M
G13625	RS	G	G13649	CR	M	G13672	AM	G	G13696	CR	M	G13720	RJ	M	G13744	CR	G
G13626	RJ	G	G13650	CR	G	G13673	AM	G	G13697	RS	M	G13721	CR	M	G13745	CR	G
G13627	RJ	M	G13651	CR	G	G13674	CR	G	G13698	MR	M	G13722	AM	M	G13746	RS	M
G13628	AM	G	G13652	CR	M	G13675	CR	G	G13699	CR	G	G13723	AM	M	G13747	CR	M
G13629	AM	P	G13653	AM	G	G13676	CR	G	G13700	CR	G	G13724	CR	M	G13748	RS	M
G13630	RJ	M	G13654	CF	G	G13677	RS	M	G13701	RS	M	G13725	CR	G	G13749	NE	M
G13631	CR	M	G13655	AM	G	G13678	CR	M	G13702	CR	M	G13726	AM	G	G13750	CR	M
G13632	AM	M	G13656	CR	G	G13679	AM	G	G13703	CR	M	G13727	RS	M	G13751	RS	G
G13633	RJ	M	G13657	CR	G	G13680	CF	G	G13704	CR	G	G13728	RS	P	G13752	RS	M
G13634	AM	M	G13658	CR	G	G13681	CR	G	G13705	CR	G	G13729	NE	G	G13753	RS	P
G13635	BL	M	G13659	CR	G	G13682	CR	M	G13706	RS	M	G13730	CF	M	G13754	MR	P
G13636	AM	M	G13660	CR	G	G13683	OT	M	G13707	CR	G	G13731	CF	M	G13755	RS	P
G13637	RS	M	G13661	CR	M	G13684	RS	P	G13708	CR	G	G13732	OT	M	G13756	MR	P
G13638	RS	M	G13661A	CR	M	G13685	RS	P	G13709	AM	G	G13733	NE	G	G13757	RS	M
G13639	CR	G	G13662	RS	M	G13686	RS	M	G13710	CR	M	G13734	CR	M	G13758	AM	M
G13640	RS	M	G13663	CR	G	G13687	CF	P	G13711	RS	P	G13735	AM	M	G13759	CR	M
G13641	RJ	G	G13664	AM	M	G13688	RS	M	G13712	CR	M	G13736	RJ	G	G13760	CR	P
G13642	AM	G	G13665	RS	G	G13689	RS	M	G13713	CR	M	G13737	AM	G	G13761	CR	P
G13643	RS	M	G13666	CR	G	G13690	RS	M	G13714	RJ	M	G13738	AM	G	G13762	CR	P
G13644	CR	G	G13667	CR	G	G13691	RS	M	G13715	AM	G	G13739	RS	M	G13763	RS	G
G13645	RS	M	G13668	RS	M	G13692	RS	G	G13716	CR	G	G13740	CR	G	G13764	CR	G
G13646	CR	G	G13669	CR	M	G13693	CF	M	G13717	AM	M	G13741	RS	M	G13765	RJ	G
G13647	RS	M	G13670	RS	G	G13694	CF	P	G13718	AM	M	G13742	BL	G	G13766	CR	P



N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G13790	CR	M	G13808	BL	G	G13831	RJ	G	G13849	RJ	G	G13873	OT	M	G13897	RJ	G
G13790A	CR	P	G13809	BL	M	G13832	MR	M	G13850	MR	M	G13874	RJ	M	G13898	MR	G
G13791	MR	M	G13810	BL	G	G13833	MR	G	G13851	MR	G	G13875	AM	G	G13899	RS	G
G13791A	CR	M	G13811	CR	G	G13834	CR	G	G13852	MR	G	G13876	AM	M	G13900	MR	G
G13792	BL	G	G13812	CR	M	G13835	RJ	G	G13853	CR	G	G13877	MR	G	G13901	RS	G
G13793	MR	M	G13813	BL	G	G13835A	RJ	G	G13854	MR	M	G13878	RJ	G	G13902	RS	G
G13794	MR	G	G13813A	BL	G	G13835B	CR	M	G13855	CR	G	G13879	MR	G	G13903	RJ	G
G13795	BL	G	G13814	RS	G	G13836	CR	G	G13856	MR	G	G13880	MR	G	G13904	CR	M
G13796	RJ	G	G13815	RJ	G	G13836A	MR	M	G13857	CR	G	G13881	RJ	G	G13905	RJ	G
G13797	RJ	G	G13816	CR	G	G13836B	RJ	M	G13858	CR	G	G13882	RJ	M	G13906	RJ	G
G13798	BL	M	G13817	CR	M	G13836C	CR	G	G13859	CR	G	G13883	RJ	G	G13907	MR	G
G13799	CR	G	G13818	CR	G	G13837	CR	G	G13860	BL	G	G13884	MR	G	G13907A	RJ	M
G13800	RS	G	G13819	RS	G	G13838	CR	M	G13861	MR	G	G13885	MR	G	G13907B	RJ	M
G13800A	RS	M	G13820	RJ	G	G13839	CR	G	G13862	MR	G	G13886	RJ	G	G13909	RJ	G
G13800B	AM	M	G13821	RJ	G	G13840	BL	G	G13863	MR	G	G13887	RJ	G	G13910	RJ	G
G13801	BL	G	G13822	MR	G	G13841	CR	G	G13864	RJ	M	G13888	RJ	G	G13911	RJ	G
G13801A	AM	M	G13823	MR	M	G13842	RS	G	G13865	MR	G	G13889	MR	G	G13911A	RJ	G
G13802	BL	M	G13824	CR	G	G13843	BL	M	G13866	AM	G	G13890	RJ	G	G13912	RJ	G
G13802A	CR	G	G13825	RJ	G	G13843A	BL	G	G13867	AM	G	G13891	RS	G	G13913	RS	G
G13803	RJ	G	G13826	BL	G	G13844	CR	G	G13868	MR	G	G13892	RJ	G	G13914	RJ	G
G13804	BL	M	G13827	RJ	G	G13845	MR	M	G13869	CR	G	G13893	RJ	G	G13915	RJ	G
G13805	BL	G	G13828	CR	G	G13846	CR	M	G13870	NE	G	G13894	RJ	G	G13916	MR	G
G13806	BL	G	G13829	RJ	G	G13847	MR	G	G13871	OT	M	G13895	RJ	G	G13917	MR	M
G13807	BL	M	G13830	AM	M	G13848	CR	G	G13872	AM	M	G13896	RJ	G	G13918	NE	G

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G13944	RJ	M	G13968	BL	M	G13992	RJ	G	G14029	BL	P	G14054	BL	G	G14078	CR	M
G13945	CR	G	G13969	RJ	G	G13993	AM	G	G14030	MR	P	G14055	CF	P	G14079	RS	M
G13946	CR	G	G13970	BL	M	G13994	BL	G	G14032	PS	G	G14056	AM	P	G14080	MR	G
G13947	CR	G	G13971	MR	G	G13995	MR	G	G14033	CR	G	G14057	CR	G	G14081	CR	M
G13948	BL	M	G13972	RJ	G	G13996	NE	M	G14034	CR	G	G14058	NE	M	G14082	RS	M
G13949	MR	G	G13973	MR	G	G13997	BL	G	G14035	CR	G	G14059	CR	M	G14083	CR	M
G13950	CR	M	G13974	BL	G	G13998	RJ	M	G14036	CR	G	G14060	NE	M	G14084	RS	M
G13951	MR	G	G13975	MR	G	G13999	MR	G	G14037	NE	P	G14061	NE	P	G14085	RS	M
G13952	AM	G	G13976	BL	G	G14000	RJ	G	G14038	NE	P	G14062	CF	M	G14086	RS	M
G13953	MR	G	G13977	MR	G	G14001	BL	G	G14039	CF	P	G14063	MR	P	G14087	RS	M
G13954	BL	G	G13978	BL	G	G14002	CP	M	G14040	CR	M	G14064	CR	G	G14088	RS	M
G13955	AM	M	G13979	MR	G	G14003	MR	M	G14041	NE	M	G14065	CR	P	G14089	RS	M
G13956	MR	G	G13980	CR	G	G14005	BL	G	G14042	BL	M	G14066	AM	M	G14090	RS	M
G13957	BL	G	G13981	MR	G	G14006	MR	G	G14043	BL	P	G14067	BL	P	G14091	CR	M
G13958	BL	G	G13982	BL	G	G14007	MR	G	G14044	NE	M	G14068	BL	P	G14092	CR	M
G13959	BL	G	G13983	BL	G	G14008	CR	G	G14045	CR	P	G14069	BL	M	G14093	RS	M
G13960	RJ	G	G13984	BL	G	G14009	RS	G	G14046	MR	M	G14070	BL	M	G14094	BL	G
G13961	MR	G	G13985	BL	G	G14010	RJ	G	G14047	RJ	M	G14071	BL	P	G14095	BL	G
G13962	AM	G	G13986	MR	G	G14011	MR	G	G14048	RJ	G	G14072	BL	M	G14096	CR	G
G13963	CR	G	G13987	AM	G	G14013	RJ	G	G14049	BL	P	G14073	BL	M	G14097	BL	G
G13964	RJ	G	G13988	CR	M	G14014	MR	M	G14050	MR	M	G14074	BL	G	G14098	BL	G
G13965	RJ	G	G13989	CR	M	G14016	RJ	G	G14051	BL	P	G14075	CR	M	G14099	BL	P
G13966	BL	M	G13990	BL	G	G14024	AM	M	G14052	CF	P	G14076	CR	M	G14100	BL	M
G13967	MR	M	G13991	BL	G	G14025	CF	P	G14053	AM	P	G14077	RS	M	G14101	BL	M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G14126	MR	M	G14150	BL	M	G14174	CR	P	G14198	BL	G	G14222	CR	M	G14246	AM	M
G14127	CR	G	G14151	NE	P	G14175	MR	G	G14199	CR	P	G14223	CR	G	G14247	RJ	G
G14128	CF	M	G14152	RJ	M	G14176	AM	G	G14200	CR	G	G14224	CR	G	G14248	RJ	G
G14129	MR	M	G14153	CR	M	G14177	AM	M	G14201	MR	G	G14225	AM	G	G14249	CR	G
G14130	CF	M	G14154	RS	P	G14178	CR	G	G14202	RJ	M	G14226	BL	G	G14250	AM	M
G14131	AM	M	G14155	CR	M	G14179	CR	M	G14203	CR	P	G14227	AM	G	G14251	AM	G
G14132	CR	G	G14156	CR	M	G14180	CR	M	G14204	CR	M	G14228	CR	G	G14252	AM	M
G14133	MR	M	G14157	CR	P	G14181	CR	M	G14205	CR	P	G14229	CR	G	G14253	AM	M
G14134	AM	P	G14158	BL	G	G14182	CR	G	G14206	CR	G	G14230	CR	G	G14254	RJ	M
G14135	BL	M	G14159	BL	M	G14183	CR	M	G14207	MR	G	G14231	MR	M	G14255	CR	G
G14136	BL	M	G14160	CR	M	G14184	CR	P	G14208	MR	G	G14232	CR	G	G14256	AM	G
G14137	CF	M	G14161	CR	M	G14185	CR	M	G14209	RS	M	G14233	CR	M	G14257	AM	M
G14138	BL	M	G14162	NE	M	G14186	CR	M	G14210	CR	G	G14234	CR	M	G14258	AM	M
G14139	RJ	M	G14163	RS	P	G14187	AM	G	G14211	CR	P	G14235	CR	G	G14259	CR	M
G14140	RJ	M	G14164	NE	P	G14188	CR	G	G14212	CR	M	G14236	CR	G	G14260	CR	G
G14141	CR	P	G14165	CR	M	G14189	CR	P	G14213	CR	M	G14237	CR	G	G14261	CR	G
G14142	BL	P	G14166	CR	P	G14190	CR	G	G14214	AM	G	G14238	CR	M	G14262	AM	G
G14143	BL	P	G14167	BL	P	G14191	BL	G	G14215	CR	P	G14239	CR	M	G14263	RJ	M
G14144	BL	M	G14168	BL	M	G14192	BL	G	G14216	CF	P	G14240	CR	G	G14264	CR	G
G14145	BL	M	G14169	BL	P	G14193	CR	M	G14217	CR	P	G14241	RS	M	G14265	BL	G
G14146	BL	M	G14170	RJ	M	G14194	CR	P	G14218	DT	P	G14242	CR	M	G14266	CR	G
G14147	RJ	M	G14171	CR	G	G14195	CR	M	G14219	BL	G	G14243	CR	M	G14267	CR	G
G14148	BL	M	G14172	AM	G	G14196	CR	M	G14220	CR	M	G14244	AM	G	G14268	CR	M
G14149	NE	P	G14173	CR	M	G14197	CR	M	G14221	BL	G	G14245	RJ	G	G14269	CR	G

N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM	N_CIAT	CP TM
G14294	CR G	G14318	DT M	G14342	CR G	G14366	MR G	G14390	RJ G	G14414	CR M	G14438	BL G
G14295	AM G	G14319	CR P	G14343	CR G	G14367	MR G	G14391	CR G	G14415	BL M	G14439	BL G
G14296	AM G	G14320	CR G	G14344	CR G	G14368	MR G	G14392	MR G	G14416	BL G	G14440	BL G
G14297	CR G	G14321	MR G	G14345	RJ M	G14369	MR G	G14393	RJ G	G14417	CR G	G14441	BL G
G14298	AM G	G14322	AM G	G14346	CR G	G14370	MR G	G14394	MR G	G14418	MR G	G14442	CR G
G14299	CR M	G14323	CR G	G14347	AM G	G14371	MR G	G14395	RJ P	G14419	BL G	G14443	AM G
G14300	CR M	G14324	CR G	G14348	AM M	G14372	MR G	G14396	MR G	G14420	AM G	G14444	RJ G
G14301	CR M	G14325	CR G	G14349	AM M	G14373	MR G	G14397	MR G	G14421	RS M	G14445	RJ G
G14302	CR G	G14326	CR M	G14350	BL G	G14374	MR G	G14398	RJ P	G14422	CR G	G14446	CR G
G14303	AM G	G14327	CR M	G14351	BL G	G14375	MR G	G14399	MR G	G14423	BL G	G14447	AM G
G14304	AM G	G14328	CR G	G14352	BL G	G14376	MR G	G14400	RJ P	G14424	BL G	G14448	CR G
G14305	AM G	G14329	CR G	G14353	MR G	G14377	CR M	G14401	CR M	G14425	CR G	G14449	CR G
G14306	AM M	G14330	RJ G	G14354	MR G	G14378	CR P	G14402	CR M	G14426	CR G	G14450	AM M
G14307	CR G	G14331	CR G	G14355	RJ G	G14379	AM M	G14403	AM M	G14427	CR G	G14451	AM M
G14308	CR G	G14332	AM G	G14356	AM G	G14380	CR P	G14404	CR G	G14428	AM G	G14452	AM M
G14309	CR G	G14333	MR M	G14357	CR G	G14381	CR G	G14405	AM M	G14429	CR G	G14453	AM G
G14310	CR M	G14334	CR G	G14358	AM M	G14382	RS M	G14406	AM G	G14430	CR G	G14454	CR G
G14311	CR G	G14335	RJ G	G14359	CR G	G14383	CR P	G14407	CR G	G14431	CR G	G14455	AM G
G14312	CR G	G14336	RJ M	G14360	AM G	G14384	AM G	G14408	CR M	G14432	BL G	G14456	AM M
G14313	DT M	G14337	AM M	G14361	AM M	G14385	CR G	G14409	CR G	G14433	CR G	G14457	AM G
G14314	MR M	G14338	AM G	G14362	AM G	G14386	MR M	G14410	BL M	G14434	BL G	G14458	CR G
G14315	CR G	G14339	CR G	G14363	RJ G	G14387	CR M	G14411	CR G	G14435	BL G	G14459	AM M
G14316	RS P	G14340	AM M	G14364	MR G	G14388	MR G	G14412	CR G	G14436	BL G	G14460	CR G
G14317	AM M	G14341	CR G	G14365	MR G	G14389	MR G	G14413	CR G	G14437	BL G	G14461	CR G

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G14462	MR	G	G14486	RS	M	G14510	RJ	P	G14531	CR	M	G14555	BL	G	G14579	CR	M
G14463	MR	G	G14487	RS	P	G14511	RJ	P	G14532	NE	P	G14556	BL	P	G14580	CF	M
G14464	MR	G	G14488	RJ	P	G14512	RJ	P	G14533	MR	M	G14557	BL	G	G14581	BL	M
G14465	RJ	G	G14489	MR	P	G14513	RJ	P	G14534	AM	M	G14558	BL	M	G14582	NE	M
G14466	CR	G	G14490	OT	P	G14514	RJ	P	G14535	CR	G	G14559	BL	M	G14583	BL	M
G14467	AM	M	G14491	CR	M	G14515	BL	P	G14536	CR	G	G14560	BL	P	G14584	NE	M
G14468	RJ	P	G14492	CR	G	G14516	BL	M	G14537	CR	M	G14561	BL	M	G14585	BL	G
G14469	CR	P	G14493	MR	G	G14517	CR	P	G14538	BL	P	G14562	BL	M	G14586	BL	P
G14470	CR	G	G14494	MR	G	G14518	CR	P	G14539	CR	M	G14563	BL	M	G14587	AM	G
G14471	BL	M	G14495	BL	P	G14519	CF	M	G14540	CR	P	G14564	BL	M	G14588	BL	M
G14472	CR	M	G14496	MR	M	G14520	CR	P	G14541	CR	M	G14565	BL	M	G14589	NE	M
G14473	RJ	P	G14497	AM	M	G14521	CR	P	G14542	CR	M	G14566	BL	M	G14590	CF	M
G14474	RJ	G	G14498	BL	G	G14522	CR	P	G14543	CR	M	G14567	BL	M	G14591	BL	G
G14475	CR	G	G14499	CR	G	G14523	RS	G	G14544	BL	M	G14568	BL	M	G14592	BL	G
G14476	CR	G	G14500	CF	P	G14523A	CR	M	G14545	BL	M	G14569	BL	M	G14593	BL	G
G14477	CR	G	G14501	BL	M	G14523B	RS	M	G14546	BL	G	G14570	NE	M	G14594	CF	P
G14478	CR	P	G14502	BL	P	G14523C	CR	M	G14547	BL	M	G14571	AM	M	G14595	RS	P
G14479	AM	P	G14503	CF	M	G14524	CR	M	G14548	BL	P	G14572	BL	G	G14596	NE	P
G14480	BL	G	G14504	RS	M	G14525	NE	G	G14549	BL	M	G14573	CR	M	G14597	RJ	M
G14481	AM	G	G14505	RJ	P	G14526	RJ	P	G14550	BL	G	G14574	CR	G	G14598	BL	M
G14482	BL	G	G14506	RS	P	G14527	RJ	G	G14551	BL	M	G14575	BL	M	G14599	BL	P
G14483	CR	M	G14507	RJ	P	G14528	NE	P	G14552	BL	P	G14576	AM	P	G14600	BL	P
G14484	RJ	M	G14508	RS	P	G14529	NE	M	G14553	BL	M	G14577	BL	M	G14601	BL	M
G14485	RS	M	G14509	RJ	P	G14530	RJ	G	G14554	BL	G	G14578	NE	P	G14602	BL	M

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G14626	BL	P	G14649	AM	M	G14674	BL	M	G14699	CR	P	G14720	RJ	G	G14744	AM	P	G14768	BL	G
G14627	BL	M	G14650	AM	M	G14675	CF	P	G14700	BL	M	G14721	NE	P	G14745	NE	P	G14769	RJ	P
G14628	BL	G	G14651	AM	G	G14676	BL	P	G14701	RS	M	G14722	NE	M	G14746	NE	P	G14770	RJ	P
G14629	AM	P	G14652	CR	G	G14677	BL	M	G14702	CR	M	G14723	CF	M	G14747	BL	P	G14771	BL	M
G14630	BL	M	G14653	AM	G	G14678	CP	G	G14703	BL	M	G14724	CR	M	G14748	BL	M	G14772	MR	P
G14631	BL	M	G14654	NE	M	G14679	CR	M	G14704	CR	M	G14725	CR	G	G14749	BL	G	G14773	CR	M
G14632	BL	M	G14655	AM	M	G14680	BL	M	G14705	AM	G	G14726	BL	P	G14750	BL	M	G14774	BL	M
G14633	BL	M	G14656	BL	G	G14681	BL	P	G14706	RJ	G	G14727	BL	M	G14751	CR	P	G14775	RJ	G
G14634	BL	G	G14657	CR	P	G14682	BL	P	G14707	CR	G	G14728	CR	M	G14752	BL	M	G14776	BL	M
G14635	CR	G	G14658	AM	G	G14683	BL	P	G14708	MR	G	G14729	NE	M	G14753	BL	P	G14777	CR	G
G14636	BL	M	G14659	RJ	G	G14684	RS	G	G14709	DT	P	G14730	CR	P	G14754	NE	M	G14778	RJ	G
G14637	BL	M	G14660	RS	G	G14685	MR	G	G14710	AM	P	G14731	CR	P	G14755	BL	G	G14779	BL	M
G14638	BL	G	G14662	CR	M	G14686	MR	G	G14711	BL	M	G14732	BL	P	G14756	BL	P	G14780	MR	M
G14639	BL	M	G14663	CR	M	G14687	BL	G	G14712	CR	P	G14733	BL	P	G14757	BL	M	G14781	BL	M
G14640	BL	P	G14664	CR	G	G14688	CR	G	G14713	CF	M	G14734	BL	M	G14758	BL	G	G14782	BL	G
G14641	RS	M	G14665	RJ	G	G14689	BL	M	G14713A	AM	P	G14735	BL	M	G14759	BL	G	G14783	MR	M
G14642	NE	G	G14666	CR	G	G14690	BL	G	G14713B	BL	P	G14736	NE	M	G14760	BL	P	G14784	BL	M
G14643	CF	G	G14667	CR	M	G14691	CR	G	G14713C	RS	P	G14737	CR	P	G14761	BL	G	G14785	BL	M
G14644	CR	G	G14668	BL	G	G14692	BL	M	G14714	RJ	P	G14738	BL	M	G14762	BL	G	G14786	BL	M
G14644A	AM	M	G14669	CF	P	G14693	AM	G	G14715	AM	G	G14739	BL	G	G14763	BL	G	G14787	NE	P
G14645	MR	G	G14670	RS	G	G14694	CR	G	G14716	RJ	G	G14740	BL	P	G14764	BL	G	G14788	CR	P
G14646	MR	M	G14671	NE	P	G14695	CR	M	G14717	AM	G	G14741	RJ	P	G14765	BL	G	G14789	BL	P
G14647	BL	M	G14672	AM	G	G14697	RS	G	G14718	CR	M	G14742	BL	P	G14766	BL	G	G14790	BL	M
G14648	CR	G	G14673	BL	P	G14698	CR	M	G14719	CR	G	G14743	BL	P	G14767	BL	G	G14791	BL	M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G14792	BL	P	G14816	BL	P	G14840	BL	M	G14864	NE	P	G14886	CR	M	G14909	AM	G
G14793	BL	P	G14817	NE	M	G14841	BL	M	G14865	NE	P	G14887	AM	P	G14910	BL	P
G14794	CR	P	G14818	CR	G	G14842	BL	M	G14866	NE	P	G14888	CR	G	G14911	CF	P
G14795	BL	G	G14819	BL	M	G14843	AM	M	G14867	NE	P	G14889	AM	P	G14912	NE	P
G14796	BL	P	G14820	NE	P	G14844	BL	M	G14868	AM	G	G14889A	CR	P	G14913	AM	M
G14797	BL	P	G14821	BL	M	G14845	BL	M	G14868A	AM	P	G14890	AM	M	G14914	AM	P
G14798	CR	P	G14822	NE	P	G14846	RS	M	G14869	AM	M	G14891	RS	M	G14915	CR	M
G14799	MR	M	G14823	NE	P	G14847	RS	M	G14870	AM	G	G14892	AM	M	G14916	CR	P
G14800	BL	M	G14824	BL	P	G14848	CR	G	G14871	CR	G	G14893	CR	M	G14917	CR	P
G14801	BL	P	G14825	BL	P	G14849	RS	M	G14872	BL	P	G14894	CR	M	G14918	CR	P
G14802	BL	M	G14826	CR	G	G14850	CR	G	G14873	CR	G	G14895	AM	G	G14919	CR	M
G14803	AM	G	G14827	AM	M	G14851	CR	M	G14874	AM	M	G14896	CR	G	G14920	CR	P
G14804	AM	M	G14828	BL	P	G14852	MR	M	G14875	CR	M	G14897	AM	M	G14921	CR	M
G14805	CF	P	G14829	AM	P	G14853	MR	M	G14876	CR	M	G14898	AM	P	G14922	CR	P
G14806	CF	M	G14830	BL	M	G14854	RS	G	G14877	CR	M	G14899	AM	M	G14923	CR	P
G14807	BL	P	G14831	BL	M	G14855	RJ	G	G14878	CR	M	G14900	CR	P	G14924	CR	P
G14808	NE	P	G14832	RS	P	G14856	CR	M	G14879	CR	M	G14901	AM	M	G14925	CR	M
G14809	BL	M	G14833	BL	M	G14857	CR	P	G14880	CR	M	G14902	AM	M	G14926	CR	P
G14810	CF	M	G14834	BL	M	G14858	NE	P	G14881	CR	M	G14903	AM	M	G14927	CR	P
G14811	AM	P	G14835	BL	M	G14859	NE	P	G14882	AM	G	G14904	AM	P	G14928	CR	P
G14812	BL	M	G14836	BL	M	G14860	CF	P	G14883	AM	M	G14905	AM	M	G14929	CR	P
G14813	MR	M	G14837	RJ	P	G14861	NE	P	G14884	AM	M	G14906	CR	M	G14930	CR	P
G14814	CR	M	G14838	BL	M	G14862	CF	M	G14885	AM	G	G14907	AM	M	G14931	CR	P
G14815	NE	P	G14839	BL	M	G14863	CR	G	G14885A	AM	P	G14908	AM	M	G14932	CR	P

N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM
G14955	CR	M	G14977	RJ	M	G14997	MR	G	G15017	RJ	G	G15037	MR	M	G15056A	RJ	G
G14956	CR	P	G14978	RJ	M	G14998	MR	M	G15017A	RJ	G	G15037A	MR	M	G15057	MR	M
G14957	CR	M	G14979	MR	M	G14998A	MR	G	G15018	MR	M	G15038	MR	G	G15058	NE	P
G14957A	CR	M	G14980	MR	P	G14999	NE	P	G15019	MR	M	G15038A	RJ	M	G15059	NE	M
G14957B	RS	M	G14981	RJ	P	G15000	CR	M	G15020	NE	P	G15039	RJ	M	G15060	MR	G
G14958	CR	M	G14982	RJ	P	G15001	CR	G	G15021	RS	P	G15039A	RJ	G	G15060A	MR	G
G14959	CR	M	G14983	MR	G	G15002	CR	G	G15022	MR	M	G15040	MR	M	G15061	MR	G
G14960	CR	M	G14984	MR	P	G15003	CR	M	G15022A	MR	G	G15041	NE	P	G15061A	MR	G
G14961	CF	P	G14985	MR	P	G15004	BL	M	G15023	CF	P	G15042	NE	P	G15062	MR	G
G14962	BL	M	G14986	MR	G	G15005	NE	M	G15023A	CF	M	G15043	MR	G	G15063	MR	G
G14963	CF	G	G14987	RJ	G	G15006	RJ	M	G15024	CF	P	G15044	NE	P	G15064	MR	G
G14964	BL	P	G14988	RJ	G	G15007	MR	M	G15024A	CF	P	G15045	RJ	P	G15065	MR	G
G14965	RS	M	G14988A	RJ	G	G15008	MR	G	G15025	RJ	P	G15046	NE	M	G15066	MR	M
G14966	CR	G	G14989	MR	M	G15008A	RJ	G	G15026	RS	P	G15047	RS	P	G15066A	RJ	G
G14967	CR	G	G14990	MR	M	G15009	MR	M	G15027	RJ	P	G15048	MR	P	G15067	RJ	G
G14968	CR	G	G14990A	MR	M	G15010	MR	M	G15028	MR	M	G15049	CF	P	G15068	RJ	M
G14969	CF	M	G14991	NE	P	G15010A	RJ	G	G15029	RJ	M	G15050	CF	P	G15069	MR	G
G14970	RJ	M	G14992	CF	P	G15011	NE	M	G15030	MR	M	G15051	AM	P	G15070	MR	M
G14971	RJ	M	G14993	MR	G	G15012	RJ	P	G15031	MR	M	G15052	MR	M	G15070A	RJ	M
G14972	RJ	M	G14994	RJ	G	G15013	RS	P	G15032	NE	P	G15053	NE	P	G15071	MR	M
G14973	MR	P	G14995	MR	G	G15014	MR	G	G15033	RJ	P	G15054	MR	G	G15072	NE	P
G14974	RS	P	G14995A	RJ	M	G15015	MR	G	G15034	RJ	P	G15054A	MR	G	G15073	CR	M
G14975	NE	M	G14996	MR	M	G15015A	MR	G	G15035	NE	P	G15055	MR	G	G15074	MR	G
G14976	RJ	M	G14996A	MR	M	G15016	MR	G	G15036	MR	G	G15056	MR	G	G15075	RJ	P



N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G15095	CF	P	G15115	RS	G	G15136	MR	M	G15158	CR	M	G15178	CP	M	G15198A	RJ	G
G15096	NE	M	G15115A	RS	M	G15137	RJ	M	G15159	MR	M	G15179	CP	M	G15199	MR	G
G15097	NE	P	G15116	MR	P	G15137A	RJ	G	G15160	RJ	P	G15180	CR	M	G15199A	RJ	G
G15098	RJ	P	G15117	MR	M	G15138	CR	M	G15160A	RJ	M	G15181	NE	P	G15200	MR	M
G15099	RJ	P	G15118	MR	M	G15139	MR	M	G15161	BL	P	G15182	NE	P	G15201	CF	P
G15100	RJ	P	G15119	MR	M	G15140	NE	P	G15162	NE	P	G15183	AM	M	G15202	MR	M
G15101	RS	G	G15120	MR	M	G15141	RJ	M	G15163	RJ	M	G15184	CR	M	G15202A	MR	M
G15102	MR	G	G15120A	MR	M	G15142	NE	M	G15164	CR	P	G15185	CR	M	G15203	NE	G
G15102A	RJ	M	G15121	MR	M	G15143	CF	M	G15165	CR	M	G15186	CR	M	G15204	RS	P
G15103	MR	G	G15122	MR	M	G15144	CF	M	G15166	CF	P	G15187	CR	M	G15205	CF	P
G15104	RS	M	G15123	RJ	M	G15145	RJ	P	G15167	CF	M	G15188	RJ	P	G15206	BL	G
G15105	MR	G	G15124	NE	P	G15146	NE	M	G15168	BL	M	G15189	MR	M	G15207	MR	G
G15105A	RJ	M	G15124A	MR	M	G15146A	CF	P	G15168A	BL	P	G15190	CF	P	G15207A	RJ	M
G15106	NE	M	G15125	MR	P	G15147	NE	P	G15169	BL	P	G15191	CF	P	G15208	MR	G
G15107	NE	P	G15126	MR	M	G15148	CR	M	G15170	BL	P	G15192	NE	P	G15209	MR	M
G15108	RJ	M	G15127	NE	M	G15149	MR	M	G15171	NE	P	G15193	MR	G	G15210	MR	M
G15109	BL	G	G15128	NE	M	G15150	CR	M	G15171A	NE	M	G15194	RJ	M	G15210A	RJ	M
G15110	NE	P	G15129	NE	P	G15151	RJ	G	G15172	RJ	G	G15194A	RJ	G	G15211	NE	M
G15111	NE	P	G15130	NE	M	G15152	NE	P	G15173	RJ	M	G15195	MR	M	G15212	MR	G
G15111A	CF	P	G15131	NE	P	G15153	RJ	P	G15174	CR	M	G15195A	RJ	G	G15213	CR	G
G15112	BL	M	G15132	MR	G	G15154	NE	P	G15175	RJ	P	G15196	NE	M	G15213A	CR	M
G15113	MR	G	G15133	NE	M	G15155	RJ	M	G15175A	RJ	G	G15197	MR	M	G15214	NE	P
G15114	AM	G	G15134	BL	P	G15156	AM	M	G15176	CR	P	G15197A	MR	M	G15215	RJ	P
G15114A	AM	P	G15135	BL	P	G15157	CR	M	G15177	BL	P	G15198	MR	G	G15216	CR	P

N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM	N_C1AT	CP	TM
G15241	MR	G	G15265	BL	G	G15289	BL	G	G15311	CR	M	G15326	MR	M	G15340	BL	M
G15242	MR	M	G15266	CR	G	G15290	CF	G	G15312	RJ	M	G15326A	AM	M	G15341	BL	G
G15243	RS	G	G15267	BL	G	G15291	CF	G	G15312A	AM	P	G15327	MR	M	G15341A	BL	G
G15244	CR	G	G15268	AM	M	G15292	BL	G	G15312B	NE	P	G15327A	MR	M	G15342	AM	M
G15245	CF	G	G15269	BL	M	G15293	BL	G	G15312C	MR	M	G15328	CR	G	G15342A	BL	P
G15246	CF	M	G15270	CR	G	G15294	BL	G	G15313	BL	M	G15329	MR	G	G15343	BL	P
G15247	BL	G	G15271	BL	P	G15295	AM	G	G15313A	BL	G	G15329A	MR	M	G15344	BL	P
G15248	BL	M	G15272	BL	G	G15296	RJ	M	G15314	RJ	M	G15330	AM	G	G15345	BL	M
G15249	BL	M	G15273	BL	M	G15296A	RJ	P	G15315	MR	G	G15331	RJ	M	G15346	AM	M
G15250	MR	G	G15274	CR	G	G15297	CP	G	G15315A	RJ	G	G15331A	MR	M	G15347	BL	M
G15251	CR	G	G15275	NE	G	G15298	BL	G	G15316	BL	M	G15332	AM	M	G15347A	BL	P
G15252	CR	M	G15276	BL	G	G15299	BL	P	G15317	MR	G	G15332A	AM	M	G15348	BL	P
G15253	CR	G	G15277	RS	G	G15300	CR	M	G15317A	RJ	M	G15333	CR	M	G15349	CF	G
G15254	CR	G	G15278	AM	M	G15301	BL	M	G15318	RJ	M	G15333A	AM	M	G15350	AM	M
G15255	MR	G	G15279	BL	G	G15302	CF	M	G15318A	RJ	G	G15334	CF	G	G15350A	BL	G
G15256	BL	M	G15280	CR	G	G15303	BL	M	G15319	BL	M	G15335	BL	M	G15350B	AM	G
G15257	BL	M	G15281	BL	G	G15304	RJ	M	G15320	BL	M	G15336	BL	M	G15351	BL	M
G15258	CR	G	G15282	BL	M	G15305	AM	M	G15321	MR	M	G15336A	AM	M	G15352	BL	M
G15259	CR	G	G15283	BL	G	G15306	BL	P	G15321A	RJ	G	G15336B	RS	M	G15353	BL	M
G15260	BL	G	G15284	BL	G	G15306A	CR	M	G15322	CR	M	G15336C	CR	G	G15354	BL	P
G15261	BL	M	G15285	CR	G	G15307	MR	M	G15323	BL	M	G15337	AM	M	G15355	BL	M
G15262	BL	G	G15286	CR	G	G15307A	CR	M	G15324	CR	M	G15337A	BL	M	G15355A	BL	M
G15263	BL	P	G15287	CF	G	G15308	AM	G	G15325	BL	M	G15338	CF	G	G15356	RS	G
G15264	RS	G	G15288	CR	G	G15310	AM	M	G15325A	BL	G	G15339	AM	G	G15357	RS	M

N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G15375	CR	G	G15393	RJ	G	G15414	AM	M	G15437	BL	P	G15461	CR	G	G15485	BL	M
G15376	CF	M	G15394	MR	G	G15416	CR	P	G15438	CR	G	G15462	BL	M	G15486	CR	M
G15377	CR	M	G15395	BL	M	G15417	RJ	P	G15439	RJ	G	G15463	BL	G	G15487	RJ	G
G15378	DT	M	G15396	MR	G	G15418	AM	M	G15440	CR	M	G15464	BL	P	G15488	RJ	M
G15379	MR	M	G15396A	MR	G	G15419	CR	M	G15441	AM	G	G15465	NE	P	G15489	CR	M
G15380	AM	M	G15397	BL	G	G15420	RJ	M	G15442	CR	G	G15466	NE	P	G15490	CR	G
G15381	AM	M	G15398	CR	M	G15421	DT	P	G15443	RJ	G	G15467	BL	P	G15491	CR	G
G15382	CF	G	G15399	MR	M	G15421A	CF	P	G15444	CR	M	G15468	BL	P	G15492	NE	P
G15383	BL	M	G15399A	MR	M	G15422	CR	P	G15445	BL	P	G15469	CF	M	G15493	AM	P
G15384	RJ	M	G15400	MR	G	G15423	NE	P	G15446	RJ	P	G15470	BL	P	G15494	CR	G
G15384A	AM	M	G15401	BL	M	G15423A	MR	M	G15447	BL	M	G15471	BL	M	G15495	CR	G
G15384B	NE	M	G15402	MR	G	G15424	NE	P	G15448	CF	M	G15472	BL	G	G15496	RS	P
G15385	CR	G	G15403	BL	M	G15425	NE	M	G15449	CR	P	G15473	BL	G	G15497	NE	M
G15385A	CR	M	G15405	CR	G	G15426	NE	M	G15450	BL	M	G15474	RJ	M	G15498	NE	M
G15385B	CR	M	G15406	CR	G	G15427	CR	M	G15451	BL	M	G15475	CR	M	G15499	NE	P
G15386	BL	M	G15407	CR	M	G15428	MR	G	G15452	BL	G	G15476	MR	M	G15500	AM	M
G15387	AM	M	G15408	CR	G	G15429	BL	M	G15453	BL	G	G15477	CR	M	G15501	NE	M
G15388	RJ	M	G15408A	RS	G	G15430	CR	G	G15454	BL	M	G15478	MR	M	G15502	BL	G
G15389	BL	M	G15409	MR	G	G15431	BL	M	G15455	RJ	M	G15479	MR	M	G15503	RJ	M
G15390	NE	M	G15409A	RJ	M	G15432	BL	G	G15456	BL	M	G15480	RS	M	G15504	RJ	M
G15391	CR	G	G15410	CR	M	G15433	BL	M	G15457	BL	M	G15481	CR	G	G15505	RJ	M
G15391A	CR	M	G15411	MR	M	G15434	BL	M	G15458	BL	P	G15482	CR	G	G15506	RJ	M
G15392	CR	M	G15412	CR	M	G15435	BL	P	G15459	BL	P	G15483	CR	M	G15507	RS	M
G15392A	RS	G	G15413	BL	P	G15436	BL	P	G15460	BL	M	G15484	CR	M	G15508	RJ	M

N_CJAT	CP	TM	N_CJAT	CP	TM	N_CJAT	CP	TM	N_CJAT	CP	TM	N_CJAT	CP	TM	N_CJAT	CP	TM
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G15533	RJ	M	G15557	RJ	M	G15580	CR	G	G15604	BL	P	G15628	CR	G	G15651	AM	M
G15534	RS	M	G15558	CR	M	G15581	BL	P	G15605	BL	M	G15629	BL	G	G15652	AM	M
G15535	CR	M	G15559	RJ	G	G15582	BL	M	G15606	BL	M	G15630	CR	M	G15653	AM	M
G15536	CR	M	G15560	BL	M	G15583	CR	G	G15607	BL	P	G15631	CR	G	G15654	AM	P
G15537	CR	P	G15561	RJ	M	G15584	CR	G	G15608	BL	M	G15632	CR	G	G15655	AM	P
G15538	RJ	M	G15562	BL	G	G15585	CR	G	G15609	BL	P	G15633	NE	G	G15656	AM	P
G15539	RJ	M	G15563	RJ	M	G15586	BL	M	G15610	BL	G	G15633A	NE	M	G15657	AM	M
G15540	CR	P	G15564	CR	M	G15587	BL	M	G15611	CR	G	G15634	CR	G	G15658	AM	P
G15541	RJ	M	G15565	RJ	M	G15588	BL	G	G15612	CR	G	G15635	NE	P	G15659	CR	M
G15542	RJ	M	G15566	BL	G	G15589	BL	M	G15613	BL	G	G15636	CR	G	G15660	NE	M
G15543	RJ	M	G15567	CR	G	G15590	NE	M	G15614	CR	G	G15637	AM	M	G15660A	NE	P
G15544	RJ	M	G15568	NE	G	G15591	CR	G	G15615	BL	M	G15638	CR	G	G15661	AM	M
G15545	RJ	M	G15569	BL	M	G15592	BL	G	G15616	CR	G	G15639	AM	G	G15662	CR	P
G15546	RJ	M	G15570	CR	M	G15593	BL	M	G15617	BL	G	G15640	CR	M	G15663	RS	M
G15547	RS	M	G15571	CR	G	G15594	CR	G	G15618	BL	M	G15641	CR	M	G15663A	RS	M
G15548	RJ	G	G15571A	CR	M	G15595	BL	M	G15619	CR	G	G15642	AM	M	G15664	NE	P
G15549	RJ	M	G15572	NE	G	G15596	AM	G	G15620	BL	G	G15643	CR	G	G15666	AM	M
G15550	RJ	M	G15573	CR	G	G15597	BL	M	G15621	CR	G	G15644	NE	P	G15667	CR	M
G15551	RJ	M	G15574	BL	P	G15598	BL	G	G15622	RJ	G	G15645	AM	M	G15668	AM	P
G15552	RJ	M	G15575	BL	P	G15599	CR	G	G15623	BL	G	G15646	CR	M	G15669	CR	M
G15553	RJ	M	G15576	AM	G	G15600	CR	G	G15624	BL	M	G15647	AM	M	G15670	CR	M
G15554	RJ	M	G15577	CR	M	G15601	BL	G	G15625	CR	G	G15648	AM	M	G15671	CR	M
G15555	RJ	M	G15578	BL	P	G15602	BL	G	G15626	CR	M	G15649	AM	M	G15672	CR	M
G15556	CR	M	G15579	BL	G	G15603	BL	P	G15627	BL	M	G15650	AM	P	G15673	AM	P

N_C IAT	CP TM		N_C IAT	CP TM		N_C IAT	CP TM		N_C IAT	CP TM		N_C IAT	CP TM		N_C IAT	CP TM		N_C IAT	CP TM	
G15697A	AM M		G15720	NE P		G15743	BL P		G15767	BL P		G15786	BL P		G15806	RJ M		G15831	RS M	
G15698	CR P		G15721	OT P		G15744	BL P		G15768	BL P		G15787	BL G		G15807	BL M		G15832	CR M	
G15699	AM M		G15722	OT M		G15745	BL M		G15769	AM M		G15788	BL G		G15808	CR G		G15833	RJ G	
G15700	AM P		G15723	AM M		G15746	NE P		G15769A	CR G		G15789	BL G		G15809	CR M		G15834	BL G	
G15701	AM M		G15724	AM M		G15747	BL P		G15769B	CR M		G15790	BL G		G15810	NE P		G15835	CR P	
G15702	AM M		G15725	MR P		G15748	BL P		G15770	CR M		G15791	CR G		G15811	NE P		G15836	MR G	
G15703	AM M		G15726	BL P		G15749	BL P		G15771	BL P		G15792	BL G		G15812	NE P		G15837	AM G	
G15704	NE P		G15727	AM N		G15750	BL M		G15772	AM M		G15793	BL G		G15813	NE P		G15838	MR M	
G15705	CR M		G15728	AM P		G15751	BL P		G15773	AM M		G15794	BL G		G15814	NE P		G15839	CR G	
G15706	AM M		G15729	CR P		G15752	BL P		G15774	BL P		G15795	CR G		G15815	BL M		G15840	RJ G	
G15707	BL P		G15730	NE P		G15753	NE P		G15775	AM M		G15796	MR P		G15816	BL M		G15841	MR M	
G15708	BL P		G15731	NE P		G15754	BL P		G15775A	NE P		G15797	CF M		G15817	BL M		G15842	CR G	
G15709	AM M		G15732	NE P		G15755	BL P		G15776	MR G		G15798	BL G		G15818	MR G		G15843	RS G	
G15710	CR M		G15733	MR M		G15756	BL P		G15776A	MR G		G15799	CR G		G15819	RJ G		G15845	RS M	
G15711	AM P		G15734	AM P		G15757	BL P		G15777	BL M		G15800	BL G		G15820	CR G		G15845A	RJ P	
G15712	AM M		G15735	AM M		G15758	BL P		G15778	CR G		G15801	CF G		G15821	AM M		G15846	NE M	
G15713	BL P		G15736	AM G		G15759	BL P		G15779	CR G		G15802	NE M		G15823	RJ M		G15847	CR M	
G15714	BL P		G15736A	AM G		G15760	BL P		G15780	BL G		G15802A	BL M		G15824	BL P		G15848	BL M	
G15715	BL P		G15737	AM M		G15761	BL P		G15781	BL G		G15802B	CF G		G15825	BL M		G15849	CR G	
G15716	BL P		G15738	CR G		G15762	BL P		G15782	BL G		G15803	CF G		G15826	BL P		G15850	BL M	
G15717	CR P		G15739	CR M		G15763	BL M		G15783	AM M		G15803A	CF G		G15827	CR M		G15851	NE M	
G15718	CR P		G15740	CR P		G15764	BL P		G15784	CR G		G15803B	BL G		G15828	CR G		G15852	CR G	
G15719	CR P		G15741	CR M		G15765	BL M		G15784A	CF G		G15804	RJ P		G15829	RS G		G15853	CR G	
G15719A	CF P		G15742	CR M		G15766	BL P		G15785	AM G		G15805	RJ M		G15830	RS M		G15854	CF G	

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N_CIAI	CP	TM	N_CIAI	CP	TM	N_CIAI	CP	TM	N_CIAI	CP	TM	N_CIAI	CP	TM	N_CIAI	CP	TM
G15855	RS	G	G15878A	AM	G	G15901	BL	M	G15925	BL	G	G15949	MR	G	G15973	BL	M
G15856	CR	G	G15879	CR	G	G15902	BL	M	G15926	BL	M	G15950	BL	P	G15974	CR	G
G15857	BL	G	G15880	BL	M	G15903	BL	G	G15927	BL	P	G15951	CR	G	G15975	CR	M
G15858	AM	M	G15881	BL	P	G15904	CR	G	G15928	BL	G	G15952	CF	G	G15976	CF	M
G15859	BL	M	G15882	NE	G	G15905	CF	M	G15929	BL	G	G15953	CR	G	G15977	NE	P
G15860	CR	G	G15883	BL	G	G15906	CR	G	G15930	AM	G	G15954	CR	G	G15977A	NE	M
G15861	BL	G	G15884	CR	G	G15907	BL	M	G15931	AM	G	G15955	CR	M	G15978	CR	G
G15862	CR	G	G15885	CR	G	G15908	BL	M	G15932	AM	G	G15956	MR	G	G15979	CR	G
G15863	BL	M	G15886	BL	M	G15909	BL	M	G15933	AM	G	G15957	CR	P	G15980	NE	P
G15864	BL	P	G15887	BL	M	G15910	BL	M	G15934	CR	G	G15958	CR	G	G15981	AM	P
G15865	BL	P	G15888	BL	M	G15911	BL	G	G15935	CR	G	G15959	CR	G	G15982	MR	M
G15866	CR	G	G15889	BL	G	G15912	BL	G	G15936	AM	G	G15960	NE	P	G15983	MR	G
G15867	BL	P	G15890	BL	G	G15913	BL	G	G15937	AM	G	G15961	BL	M	G15984	NE	P
G15868	CR	G	G15891	BL	P	G15914	BL	G	G15938	AM	G	G15962	CR	G	G15985	RS	G
G15869	BL	M	G15892	BL	M	G15915	BL	M	G15939	AM	G	G15963	MR	M	G15986	CR	G
G15870	BL	M	G15892A	BL	M	G15916	BL	G	G15940	AM	G	G15964	CR	M	G15987	NE	P
G15871	BL	M	G15893	BL	P	G15917	BL	G	G15941	BL	G	G15965	RJ	P	G15988	AM	G
G15872	BL	M	G15894	BL	M	G15918	BL	G	G15942	NE	G	G15966	RJ	M	G15989	AM	M
G15873	BL	G	G15895	BL	P	G15919	BL	G	G15943	NE	G	G15967	BL	M	G15990	CR	G
G15874	BL	G	G15896	BL	G	G15920	BL	G	G15944	RJ	G	G15968	CR	G	G15991	NE	P
G15875	BL	M	G15897	NE	G	G15921	BL	G	G15945	BL	G	G15969	BL	M	G15992	AM	P
G15876	CR	G	G15898	BL	M	G15922	BL	M	G15946	NE	M	G15970	BL	M	G15993	AM	P
G15877	DT	P	G15899	BL	G	G15923	BL	G	G15947	RJ	G	G15971	CR	M	G15994	NE	P
G15878	AM	G	G15900	CR	G	G15924	BL	M	G15948	CR	G	G15972	AM	G	G15995	NE	P

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N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
G16331	AM	M	G16352	CR	M	G16375	BL	M	G16393	BL	M	G16412	CF	P	G16432	BL	P
G16332	AM	M	G16353	CF	M	G16376	CF	M	G16394	AM	P	G16412A	CR	P	G16433	BL	M
G16333	CF	M	G16353A	NE	P	G16377	CF	G	G16395	NE	P	G16413	NE	P	G16434	BL	M
G16334	AM	P	G16354	CF	M	G16378	CR	M	G16396	NE	P	G16414	CF	P	G16435	BL	P
G16335	AM	M	G16355	BL	P	G16379	NE	M	G16397	RJ	M	G16415	CF	M	G16436	BL	M
G16335A	RJ	M	G16356	CR	G	G16380	CR	G	G16398	NE	P	G16416	NE	P	G16437	BL	P
G16335B	BL	G	G16357	CR	G	G16381	CR	G	G16399	NE	M	G16417	AM	M	G16438	BL	M
G16336	NE	P	G16358	BL	P	G16382	CR	G	G16400	CF	P	G16417A	RS	M	G16439	BL	M
G16337	CR	M	G16359	NE	M	G16383	CF	M	G16400A	RS	P	G16418	BL	P	G16440	MR	G
G16338	CR	P	G16360	CF	P	G16384	CR	P	G16401	NE	M	G16419	RJ	M	G16441	BL	M
G16339	CR	P	G16361	NE	P	G16385	OT	P	G16401A	NE	M	G16419A	AM	M	G16442	BL	M
G16339A	NE	P	G16362	NE	M	G16385A	AM	P	G16402	NE	M	G16420	RJ	G	G16443	BL	M
G16340	RJ	G	G16363	CF	M	G16386	CR	M	G16403	NE	M	G16421	CF	M	G16444	BL	M
G16341	CF	P	G16364	BL	M	G16387	AM	G	G16403A	AM	M	G16422	NE	M	G16445	BL	G
G16342	BL	P	G16365	CR	M	G16388	CR	M	G16404	NE	P	G16422A	NE	M	G16446	MR	M
G16343	CR	P	G16366	AM	M	G16388A	CR	P	G16405	NE	P	G16423	BL	M	G16447	BL	G
G16344	CR	P	G16367	CR	M	G16389	BL	P	G16406	AM	M	G16424	BL	M	G16448	BL	M
G16345	OT	P	G16368	AM	M	G16390	AM	M	G16407	CR	M	G16425	BL	M	G16449	BL	M
G16346	AM	M	G16369	AM	G	G16390A	MR	G	G16407A	AM	P	G16426	BL	M	G16450	RJ	M
G16347	CF	M	G16370	AM	G	G16390B	OT	M	G16408	CF	P	G16427	BL	M	G16451	BL	M
G16348	CF	M	G16371	CR	G	G16390C	AM	P	G16409	CF	M	G16428	BL	M	G16452	CF	M
G16349	CF	P	G16372	CR	G	G16391	CR	G	G16409A	AM	P	G16429	BL	M	G16453	CF	P
G16350	CR	M	G16373	CR	G	G16391A	CR	M	G16410	CF	P	G16430	BL	M	G16454	RJ	M
G16351	BL	P	G16374	CR	G	G16392	CR	M	G16411	CF	M	G16431	BL	M	G16455	MR	M



N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM	N_CIAT	CP	TM
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G16647	CF	P	G16671	MR	M	G16694	BL	G	G16718	BL	G	G16742	BL	G	G16766	MR	M
G16648	BL	M	G16672	MR	P	G16695	BL	M	G16719	BL	P	G16743	BL	G	G16767	BL	G
G16649	RJ	P	G16673	CR	M	G16696	BL	G	G16720	BL	M	G16744	BL	G	G16768	BL	G
G16650	MR	P	G16674	RJ	M	G16697	CR	G	G16721	BL	M	G16745	BL	G	G16769	BL	G
G16651	RJ	M	G16675	RJ	P	G16698	BL	M	G16722	BL	M	G16746	BL	G	G16770	BL	G
G16652	RS	P	G16676	RS	P	G16699	CR	M	G16723	BL	M	G16747	BL	M	G16771	BL	M
G16653	RJ	P	G16677	RJ	P	G16700	CR	M	G16724	BL	M	G16748	BL	M	G16772	BL	M
G16654	MR	M	G16678	MR	P	G16701	NE	P	G16725	BL	M	G16749	BL	G	G16773	BL	G
G16655	MR	M	G16679	MR	P	G16702	CR	M	G16726	BL	G	G16750	BL	G	G16774	BL	G
G16656	MR	M	G16680	CR	M	G16703	CR	M	G16727	CR	M	G16751	CR	P	G16775	BL	M
G16657	MR	M	G16680A	AM	P	G16704	CR	G	G16728	BL	G	G16752	BL	P	G16776	BL	G
G16658	MR	P	G16681	RS	M	G16705	BL	G	G16729	BL	G	G16753	BL	M	G16777	BL	G
G16659	RJ	M	G16682	MR	M	G16706	BL	G	G16730	CR	M	G16754	BL	M	G16778	BL	G
G16660	MR	M	G16683	NE	P	G16707	BL	P	G16731	BL	G	G16755	BL	M	G16779	BL	M
G16661	RJ	M	G16684	CF	P	G16708	BL	M	G16732	BL	G	G16756	BL	P	G16780	BL	G
G16662	MR	M	G16685	RJ	M	G16709	BL	G	G16733	BL	G	G16757	RJ	M	G16781	BL	M
G16663	RS	P	G16686	NE	P	G16710	BL	G	G16734	BL	M	G16758	RJ	M	G16782	BL	M
G16664	CR	M	G16687	RJ	M	G16711	BL	M	G16735	BL	G	G16759	MR	M	G16783	BL	M
G16665	RJ	P	G16688	BL	M	G16712	BL	G	G16736	BL	G	G16760	MR	M	G16784	BL	M
G16666	MR	M	G16689	BL	M	G16713	BL	G	G16737	BL	G	G16761	RJ	M	G16785	BL	M
G16667	NE	M	G16690	RJ	M	G16714	BL	G	G16738	CR	G	G16762	RJ	M	G16786	BL	M
G16668	RJ	M	G16691	MR	G	G16715	BL	G	G16739	CR	G	G16763	MR	M	G16787	BL	G
G16669	MR	M	G16692	BL	M	G16716	BL	G	G16740	BL	P	G16764	CR	P	G16788	BL	G
G16670	MR	M	G16693	NE	M	G16717	BL	M	G16741	BL	P	G16765	BL	M	G16789	BL	M



NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B L I Z O R.	M H A B	NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B L I Z O R.	M H A B				
G01471	DE ENFRAME	PI271997	SPN	USA	2	2	1	G05955	M-9545	V-1268	GRC	UTK	1	2	4		
G01472	GARROFON	PI271998	SPN	USA	2	2	3	G06373	B.O.22		HTI	FRC	MR	2	2	1	
G01473	TRONCON	PI272000	SPN	USA	1	2	4	G06380	KABOON		UGA	FRC		1	2	1	
G01474	DE CUADRO	PI272001	SPN	USA	2	2	1	G06573	SOLDIUM BEAN		USA	USA	MR	1	2	1	
G01475	BLANCA DE ALCALA	PI272003	SPN	USA	2	2	1	G06671		V-3473	TKY	UTK		1	3	1	
G01476	CURTAS	PI272004	SPN	USA	2	2	1	G06677	S15/1	V-4432	TKY	UTK		1	2	1	
G01478		PI272006	SPN	USA	2	2	1	G06689	MSU-150	850-1	USA	USA		1	2	3	
G01479		PI272007	SPN	USA	2	2	1	G07275	CF-26		BLV	BLV		1	2	4	
G01521	COSCORRON 43-314	PI282049	CLE	USA	AM	1	2	3	G07277	CF-30		BLV	BLV	MR	1	2	4
G01529	HALLADOS GRANDES	PI282077	CLE	USA	NE	1	1	3	G07278	CF-31		BLV	BLV	CR	1	2	4
G01532	PAPRON	PI282063	CLE	USA	OT	2	2	3	G07279	CF-32		BLV	BLV	MR	1	2	4
G01546	WIEJSKA	PI285701	PLD	USA		1	1	1	G07301	APURIMAC 31	LM-1359	PER	PER		2	3	4
G01561	YELLOW EYE	PI289370	HGY	USA	AM	1	1	3	G07366	ANCASH 104	LM-1330	PER	PER		1	1	
G01588	KABOON	PI289411	HGY	USA		1	2	1	G07381		X-15943	CLB	CLB	RJ	1	2	4
G01609	WEISSE KACKBOHNE	PI289437	HGY	USA		1	2	1	G07607	WHITE MORROWFAT		USA	USA		1	2	3
G01618	WEISSE NEIREN	PI289450	HGY	USA		2	2	1	G07613	ARAGON		GDR		2	2	4	
G01626	HERKULES	PI289464	HGY	USA		2	2	1	G07629	BRED SVARD		GDR		3	1	1	
G01633	CANNELLINO DE ROMAGNA	PI289531	ITL	USA		2	2	1	G07631	BURROS COLCHAGUA		GDR		2	2	4	
G03094	WHITE SEAN FROM BONTOC		USA	USA		1	2	1	G07633	COCO BICOLORE DU PAPE		GDR	CR	1	2	3	
G03626	TIURANA 1513	I-717		VNZ		2	2	1	G07639	EARLY GIANT		GDR	MR	2	2	1	
G04471	CRISTAL BLANCO	CLE-181	CLE	CLE		1	2	4	G07644	ENDORMA WEIB		GDR		1	2	1	
G04474	COSCORRON	CLE-166	CLE	CLE	AM	1	2	3	G07645	ERITE KVONE		GDR		2	2	1	
G04499	PERRY MARROW		USA	USA		1	2	3	G07647	EVER BEANNING STRNGLESS		GDR		2	2	4	
G04502	CANIEU		FRC	FRC		2	1	1	G07650	FLAGEOLET MIT WEIBEN BOHNE		GDR		2	2	1	
G04564	ANT 119=BUCA DE ANGEL		CLB	CLB	RJ	2	2	1	G07660	GRUNHULSIGE		GDR		1	2	1	
G05137	HOLANDA 2	BZL-753	NLD	BZL		2	2	1	G07700	PAMLBOHNE		GDR		2	2	1	
G05356	HOLANDA 7	BZL-757	NLD	BZL		1	2	1	G07708	RIESEN FLAGEOLET MAMMUT		GDR	RS	2	1	1	
G05379	9/3/5/10	IPV 104	UGA	NGA		2	1	1	G07721	SUISSE BLANC		GDR		2	3	1	
G05500	65-085-0029	V-2029	LBN	UTK		3	2	4	G07730	WEIBE NIEREN		GDR		3	2	1	
G05523		V-2202	TKY	UTK		3	2	4	G07925	DE 42		GRC	GRC		2	2	1
G05525		V-2212	IRN	UTK		3	2	4	G07927	DE 44		GRC	GRC		2	2	2
G05677	TKKACHI-SHIRO-KINTOKI	COO-2141	JPN	JPN		1	1	2	G08095	COCOCE GUYADOR		FRC	UTK		1	2	1
G05680	TAISYO-SHIRO-KINTOKI	COO-1108	JPN	JPN		1	1	1	G08132	SOISSONS		FRC	UTK		2	2	1
G05783	TUNICHE 1095	CLE-659	CLE	CLE	AM	1	1	3	G08214	APURIMAC 27	LM-1357	PER	PER	RJ	1	2	4
G05788	TEJUELAS BLANCAS	CLE-640	CLE	CLE		3	2	4	G08228	WHITE CASE BACK(BLUE LAKE)	COO-6116	USA	JPN		3	2	4
G05832	GATO	CLE-298	CLE	CLE	CR	2	2	3	G08229	FAPLIEST OF ALL	COO-6120	USA	JPN		3	2	4
G05838	CAUQUENES	CLE-137	CLE	CLE	CR	2	2	4	G08232	GOLDEN MAX	COO-6127	USA	JPN		2	2	4
G05848	COSCORRON ALTO JAHUEL	CLE-168	CLE	CLE	NE	1	2	3	G08697	CF-13		BLV	BLV	MR	1	1	4
G05851	COSCORRON ALEMAN	CLE-167	CLE	CLE	CR	1	2	3	G08804	HEROLO	IVT-77647	GFR	NLD		2	2	1
G05886	BLANCO JASPEADO	CLE-070	CLE	CLE	CR	1	2	3	G08814	HOROZ	IVT-77652	TKY	NLD		1	2	1

NO.	IDENTIFICACION	REGLOCAL	O	P	B	M	H	NO.	IDENTIFICACION	REGLOCAL	O	P	B	M	H		
CIAT			R	R	C	F	L	CIAT			R	R	C	F	L		
			I	O	S	S	I				I	O	S	S	I		
			G.	C.		O	R.				G.	C.		O	R.		
G08833	KROMBEK	IVT-77669	NLD	NLD		2	2	1	G10049	KNOBBELBOON (ROGGEL)	1.31	NLD	NLD		1	2	3
G08934		PI358087	YUG	USA		2	3	3	G10050	DIKKONTJES (GRAVENHAGE)	1.34	NLD	NLD		1	2	1
G08993	SOISSON GROS PIED A PARCH.	IVT-77791	FRC	NLD		3	2	1	G10051	WITTE PLATTE STOKBOON (B.)	1.36	NLD	NLD		2	1	
G09009	SUISSE BLANC LINGOT	IVT-77802	CSR	NLD		2	2	1	G10053	WITTE STOKBOON (DINXPERLOO)	1.38	NLD	NLD		2	1	4
G09032	VENUCOL	IVT-72134	NLD	NLD		2	2	1	G10054	WITTE BOON (DUTSE PRINCES)	1.39	NLD	NLD		2	1	4
G09058	WARDWEL WACHS	IVT-77856	GFR	NLD	CF	1	2	1	G10136	BRUINE SOLDAAT (SILVOLDE)	5.01	NLD	NLD	CF	2	2	1
G09061	ZUTOTRBA	IVT-77871	YUG	NLD	AM	2	2	1	G10137	RDE SOLDAAT (SILVOLDE)	5.01	NLD	NLD	MR	2	2	1
G09205	GREAT NORTHERN U.1.31	FRC-487	USA	FRC		1	2	3	G10138	RDE SOLDAAT (NAK)	5.02	NLD	NLD	MR	2	2	1
G09207	GRONINGER WICKCHILD	FRC-515	NLD	FRC		1	2	1	G10139	RDE SOLDAAT (PRAKKEN)	5.03	NLD	NLD	RJ	2	2	1
G09271	PERRY MARROW	FRC-739	USA	FRC		1	2	3	G10140	BRUINE SOLDAAT (ROUVEEN)	5.04	NLD	NLD	CF	1	1	1
G09362	SOISSON N.G.P	FRC-892	FRC	FRC		1	2	1	G10141	BRUINE SOLDAAT (DE BILT)	5.05	NLD	NLD	CF	2	2	1
G09372	SUISSE BL.HATIF	FRC-896	FRC	FRC		1	2	1	G10142	BRUINE SOLDAAT (KR.A/D IJ)	5.06	NLD	NLD	CF	2	2	1
G09431	WHITE SEED TENDER GREEN	FRC-992	USA	FRC		1	2	1	G10145	DWARF WHITE COCO	C.L.0001	SPN	SPN		1	3	1
G09432	WEIJSKEE	FRC-994	PLD	FRC		1	2	1	G10146	DWARF WHITE KIDNEY	C.L.0002	SPN	SPN		2	3	4
G09529	VROEGE SMARAGAD	IVT-73162	NLD	NLD		1	2	1	G10147	CLIMBING WHITE COCO PEÑA	C.L.0004	SPN	SPN		1	3	3
G09545	BLUE LAKE HYBRID	COD-6122	USA	JPN		2	2	3	G10150	DWARF WHITE COCO	C.L.0008	SPN	SPN		1	2	2
G09833	B7798-E-1-2 POROTO BLANCO		BLV	USA		1	2	2	G10151	BUSH BEAN COMER.VARIETY	C.L.0009	SPN	SPN		3	1	1
G09999	B7805AB POROTO BLANCO		BLV	USA		1	2	4	G10152	WHITE VENY	C.L.0010	SPN	SPN		3	1	1
G10026	KROMBEK (SCHOONEREK)	1.01	NLD	NLD		2	2	1	G10155	WHITE DORSAL STD.DOMINGO	C.L.0013	SPN	SPN		3	1	1
G10027	EIBOON (EINDHOVEN)	1.02	NLD	NLD		1	1	1	G10156	WHITE DWARF STD DOMINGO	C.L.0014	SPN	SPN		3	1	1
G10028	WALCHERSE WITTE (GATERSL.)	1.03	NLD	NLD		1	2	4	G10157	WHITE SEEDED C.F.ST.FIACRE	C.L.0016	SPN	SPN		2	1	4
G10029	WALCHERSE WITTE BLANKA (G)	1.04	NLD	NLD		1	2	4	G10158	WHITE STRINGLESS BELORADO	C.L.0017	SPN	SPN		2	1	4
G10030	EIBOON (ZEVENBERGSCHENHOEK)	1.06	NLD	NLD		1	2	1	G10162	WHITE KIDNEY POLE BEAN	C.L.0022	SPN	SPN		3	1	4
G10031	KROMBEK (ZWAAN)	1.07	NLD	NLD		3	2	1	G10164	LONG WHITE KIDNEY TIPE-POL	C.L.0024	SPN	SPN		2	1	4
G10032	KROMBEK (TUBERGEN)	1.08	NLD	NLD		3	2	1	G10165	RED FIGURE AROUND HILUM	C.L.0025B	SPN	SPN	MR	1	2	3
G10033	KROMBEK (WILLEMSE)	1.09	NLD	NLD		2	2	1	G10176	WHITE STREADED	C.L.0047	SPN	SPN		2	1	1
G10034	KROMBEK (V.NAMEN)	1.10	NLD	NLD		2	2	1	G10179	MARKET ESTELLA WHITE COCO	C.L.0052	SPN	SPN		2	2	3
G10035	KROMBEK (I.V.T.)	1.11	NLD	NLD		2	2	1	G10185	MEDIO SEMIFLAT WHITE	C.L.0058	SPN	SPN		2	2	3
G10036	KROMBEK (SLUIS Y GROOT)	1.12	NLD	NLD		2	2	1	G10187	WHITE STD TOMAS	C.L.0062	SPN	SPN		2	2	1
G10037	KROMBEK (LPT)	1.13	NLD	NLD		2	2	1	G10241	POLE PAR.DE COWA WHITE LRG	C.L.0132	PTC	PTC		3	3	4
G10039	EIBOON (BRIELLE)	1.16	NLD	NLD		1	2	1	G10245	SEMI CLIMBER WHITE S.FLAT	C.L.0138	PTC	PTC		2	1	3
G10040	EIBOON (LPT)	1.18	NLD	NLD		1	2	1	G10253	CACHAMUNDINHO IV	C.L.0145D	PTC	PTC		3	3	4
G10041	EIBOON (BEUSICHEM)	1.19	NLD	NLD		1	2	1	G10255	CACHAMUNDINHO POLE LAPPIE	C.L.0148	PTC	PTC	CR	1	3	3
G10042	WALCHERSE WITTE (IVT)	1.20	NLD	NLD		1	2	4	G10256	CACHAMUNDINHO RED MOT./WH.	C.L.0149	PTC	PTC	RJ	2	3	3
G10043	KROMBEK (ABBEKERK I)	1.22	NLD	NLD		2	2	1	G10257	WHITE AS CF.ST.FIACRE	C.L.0150	PTC	PTC		2	2	4
G10044	KROMBEK (ABBEKERK III)	1.23	NLD	NLD		2	2	1	G10294	POLE SEMI FLAT.WHITE	C.L.0197	PTC	PTC		2	2	4
G10045	EIBOON (ANDIJK)	1.24	NLD	NLD		1	2	1	G10299	BARRIO POLE WHITE MONTEIG.	C.L.0203	PTC	PTC		2	3	4
G10046	KROMBEK (ANDIJK)	1.25	NLD	NLD		2	2	1	G10302	BARRIO POLE PURPLE STRIPED	C.L.0208	PTC	PTC		2	3	4
G10047	EIBOON (DALEN)	1.26	NLD	NLD		1	1	1	G10306	BRAGA POLE FLAT.WHITE	C.L.0213	PTC	PTC		2	3	4
G10048	KROMBEK STOKBOON (DALEN)	1.29	NLD	NLD		2	2	1	G10315	FAFE POLE FOR COOKING	C.L.0223	PTC	PTC		2	2	4

NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B M H A I B I T	NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B M H A I B I T
G10317	FAFE POLE MEDIUM WHITE	C.L.0225	PTC	PTC	2 3 4	G11263	WACHS BESTE V. ALLEN	IVT-77104	GFR	NLD	OT 2 2 1
G10318	FAFE KEEPS SHAPE WELL	C.L.0226	PTC	PTC	2 3 4	G11277	COMPLET	IVT-77557	FRC	NLD	3 3 1
G10349	ANTA POLE LAPPIE TYPE	C.L.0208	PTC	PTC	CR 1 2	G11281	HINRICHS RIESEN WESZG.O.F.	IVT-77646	GFR	NLD	RS 1 2 1
G10383	TAVORA POLE 312	C.L.0312	PTC	PTC	2 3 3	G11282	KOSIENICKA	IVT-77972	PLD	NLD	2 2 1
G10387	TAVORA POLE 317	C.L.0317	PTC	PTC	2 2 4	G11288	WIEJSKA	IVT-77105	PLD	NLD	1 2 1
G10388	TAVORA POLE 318	C.L.0318	PTC	PTC	2 2 3	G11290	WITTE REUZEN	IVT-77892	NLD	NLD	RS 1 2 1
G10425	COIMBRA 366 POLE LAPPIE G	C.L.0366	PTC	PTC	CF 2 2 3	G11411	MICHOACAN 18	MEX-359	MEX	CLB	2 3 4
G10426	PORTUGAL 367 LAPPIE S.CL.	C.L.0367	PTC	PTC	CR 1 3 3	G11481	PHASEOLI	ETP-001	ETP	CLB	2 2 1
G10427	CANCELA 368 LAPPIE COCO B	C.L.0368	PTC	PTC	CR 1 3 3	G11701		BUV-001	PER	PER	CR 2 2
G10438	PORTUGAL 385	C.L.0385	PTC	PTC	2 3 4	G11708		BUV-008	PER	PER	MR 2 2 4
G10441	COIMBRA 388 MIXTURE	C.L.0388	PTC	PTC	2 3 MM 4	G11714		BUV-014	PER	PER	2 2 4
G10444	COIMBRA 391 POLE	C.L.0391	PTC	PTC	2 3 4	G11715		BUV-015	PER	PER	CR 2 3 4
G10445	COIMBRA 392	C.L.0392	PTC	PTC	CR 1 3 4	G11716		BUV-016	PER	PER	1 2 4
G10448	COIMBRA 396 MANTEIGA TYPE	C.L.0396	PTC	PTC	2 3 4	G11719		BUV-019	PER	PER	1 2 4
G10451	CASTELOBOS GUARDA SALAMANA	V-6005	PTC	UTK	2 2 1	G11733	CABALLERO	BUV-033	PER	PER	1 2 4
G10457	CASTELOBUS 407 WHITE KIDN	C.L.0407	PTC	PTC	3 2 1	G11735	CABALLERO	BUV-035	PER	PER	1 2 4
G10478	GUATEMALA 893	GTA-0893	GTA	GTA	2 3 4	G11744	CABALLERO	BUV-044	PER	PER	1 2 4
G10611	GUATEMALA 1031	GTA-1031	GTA	GTA	2 3	G11756	BLANCO	BUV-056	PER	PER	1 2 4
G10683	GUATEMALA 1375	GTA-1375	GTA	GTA	1 3 4	G11757	BLANCO	BUV-057	PER	PER	2 2 4
G11126	ARGENTINA ALUBIA	IVT-77378	GDR	NLD	2 2 1	G11762	BLANCO	BUV-062	PER	PER	1 2 4
G11127	BALTIJA	IVT-77380	SSU	NLD	1 3 1	G11763	CABALLERO	BUV-064	PER	PER	1 2 4
G11141	MOSKOVSKAJA BELAJA Z. 556	IVT-77444	SSU	NLD	1 2 1	G11768	BLANCO	BUV-069	PER	PER	1 2 4
G11159	SEVERNAJA ZVEZDA 690	IVT-77106	SSU	NLD	1 2 1	G11769A	TIACHO	BUV-070	PER	PER	1 1 4
G11168	ZORA	IVT-77107	SSU	NLD	2 3 1	G11773	VAQUITA	BUV-074	PER	PER	OT 1 2 4
G11200	BENISHTORI	IVT-77900	JPN	NLD	RJ 1 2 1	G11775	HUEVO DE PALOMA	BUV-076	PER	PER	1 2 4
G11203	BOMBA	IVT-77909	PLD	NLD	1 2 1	G11777	BLANCO	BUV-078	PER	PER	1 3 4
G11206	CANELLINI	IVT-77917	ITL	NLD	2 3 1	G11780C		BUV-081	PER	PER	1 2 4
G11207	CHARLETON	IVT-77920	USA	NLD	AM 1 1 1	G11784	NUNA	BUV-085	PER	PER	OT 1 1 4
G11208	CLARISSA	IVT-77922	GFR	NLD	2 2 1	G11785	NUNA	BUV-086	PER	PER	1 1 4
G11210	COCO BLANCHE	IVT-77925	FRC	NLD	1 2 1	G11834	VESEALAKU SALATA	II-10-125	HGY	HGY	1 3 3
G11213	DELCA	IVT-77931	GFR	NLD	1 2 1	G11841	CEGLEDI SALATA	II-10-202	HGY	HGY	1 2 4
G11218	FACTA	IVT-77936	GFR	NLD	1 2 1	G11845	BOCA NEGRA		ARG	ARG	CF 1 2 3
G11223	IMA	IVT-77955	PLD	NLD	2 3 1	G11850	SCHABENAUSE (RENKUM)	1.21	NLD	NLD	1 2 1
G11225	ISOLDE	IVT-77957	GFR	NLD	2 2 1	G11851	KROMBEK STOKBOON (DALEN)	1.28	NLD	NLD	2 3 1
G11235	KUIZURA	IVT-77975	JPN	NLD	MR 1 2 1	G11852	KOOKBOON (BAARLO)	1.32	NLD	NLD	1 2 1
G11236	LIMELIGHT	IVT-77976	CDA	NLD	1 2 1	G11853	WIT-ROOD BOONTJE (BARNEV.)	1.33	NLD	NLD	RS 1 2 1
G11241	MIDAS	IVT-77987	GFR	NLD	2 3 1	G11855	WITTE POLBOON (APPELTERN)	1.43	NLD	NLD	2 3 1
G11251	PI209806 YELLOW EYE	IVT-77100	USA	NLD	AM 1 2 2	G11858	KA-BOON (IPO)	1.46	NLD	NLD	1 2 1
G11257	SHIRO KINTOKI	IVT-77102	JPN	NLD	1 2 1	G11859	HARDSCHILLIGE WITTE(ROCK.)	1.48	NLD	NLD	3 2 4
G11260	TROKETTA	IVT-77103	GFR	NLD	1 2 1	G11885	BRUINE SOLDAAT (H.I.AMBAC. 5.07		NLD	NLD	CF 2 2 1

NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	S S	SILIZ SILIZ	B B	NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	S S	SILIZ SILIZ	B B
G12040	APURIMAC 53	LM76A/106	PER	PER	MR	2	2	4	G12588	NUNA HUEVO DE HUANCHACO	PG 0139	PER	PER	RJ	1	1	4
G12057	AYACUCHO 55	LM76A/109	PER	PER		2	2	4	G12591	VAQUITA-1	PG 0142	PER	PER	MR	1	2	4
G12058	AYACUCHO 56	LM76A/109	PER	PER		2	2	4	G12593	MUNSHO NEGRO	PG 0145	PER	PER	MR	3	2	4
G12059	AYACUCHO 58	LM76A/107	PER	PER	CF	2	3	4	G12594	MUNSHO COLORADO	PG 0146	PER	PER	RJ	3	2	4
G12062	AYACUCHO 61	LM76A/109	PER	PER	AM	2	3	4	G12595	BLANCO	PG 0147	PER	PER		1	2	4
G12064	AYACUCHO 63	LM76A/110	PER	PER	RJ	2	3	4	G12597	CABALLERO	PG 0149	PER	PER		1	2	4
G12074	AYACUCHO 83		PER	PER		2	2	4	G12667	BLANCO SABANERO		CLB	CLB		1	2	4
G12077	AYACUCHO 89	LM76A/111	PER	PER	MR	2	3	4	G12669	PALOMO		CLB	CLB		1	2	4
G12079	AYACUCHO 91		PER	PER		1	2	4	G12675	PERU 43 TALCLO		CLB	CLB		1	3	4
G12084	AYACUCHO 98		PER	PER	CF	2	3	4	G12677	PERU 214		CLB	CLB		1	3	4
G12092	AYACUCHO 116-1		PER	PER		2	3	4	G12713	POROTO	SA&UD0004	CLB	CLB		1	3	4
G12100	AYACUCHO 133		PER	PER	MR	2	3	4	G12724	L.33003-(MC4-M4-MC3)		CLB	CLB		1	2	4
G12107	AYACUCHO 149	LM76A/117	PER	PER	MR	1	3	4	G13039	LAPIN	PI136688	USA	USA	OT	1	2	MM
G12110	AYACUCHO 153	LM76A/118	PER	PER	MR	1	2	4	G13041		PI201321	MEX	USA		1	3	4
G12139	CUZCO 73	LM76A/129	PER	PER		2	2	4	G13043	ALUBIA DE ARANJUER	PI226859	SPN	USA		2	2	1
G12145	CUZCO 132	LM76A/074	PER	PER		2	1	4	G13045	CONCORD POLE	PI273450	JPN	USA	CR	1	2	4
G12147	HUANCVELICA 4		PER	PER		3	3	4	G13047	LLENA CANASTO	PI282020	CLE	USA		3	2	4
G12148	HUANCVELICA 11	LM76A/148	PER	PER		1	2	3	G13048	BONDADOSOS	PI282098	CLE	USA		1	2	4
G12187	JUNIN 139		PER	PER		2	2	4	G13049	BUEYES	PI282116	CLE	USA	RJ	1	2	3
G12184	AYACUCHO 79	LM76A/107	PER	PER		1	3	4	G13058	BIALA EXPORTOMA	PI324542	HGY	USA		2	2	1
G12199	HUEVO DE PALOMA (TOAST.8.)	BYU-007	PER	PER		1	2	4	G13061	BODROGOLASZI	PI324596	HGY	USA		2	2	1
G12231	BOLON BLANCO (RIOBAMBA)	CAT-0290	ECD	ECD		1	2	4	G13062	MICHELETS A LONGUE COSSE	PI324618	HGY	USA		2	3	3
G12257	MIX-07-A (ATUNTAQUI-INIAP)	CAT-0441	ECD	ECD		1	2	4	G13063	MORIENER ST. 3055/40	PI324621	HGY	USA		1	2	1
G12335	BOLON BLANCO ARRIADADO	CAT-0690-	ECD	ECD		1	2	4	G13064	WEISSE KOCHBONE	PI324685	HGY	USA		1	2	1
G12338	BLANCO MANCHA NEGRA (SOLD)	CAT-0699-	ECD	ECD	OT	2	2	4	G13073	DTURAK FASULYE	PI339346	TKY	USA		2	2	1
G12339	BLANCO MANCHA NEGRA (SOLD)	CAT-0699-	ECD	ECD	OT	1	2	4	G13074	HOROZ FASULYESI	PI339373	TKY	USA		2	2	1
G12360	BLANCO GRANDE (RIOBAMBA)	CAT-0749	ECD	ECD		2	2	4	G13075	HOROZ FASULYESI	PI339375	TKY	USA		3	2	1
G12361	BLANCO GRAN. SOLD. CR. (RIO	CAT-0750	ECD	ECD	CR	1	2	4	G13076	HOROZ FASULYESI	PI339383	TKY	USA		2	2	1
G12369	BLANCO GRANDE ALARG. (LOJA)	CAT-0790	ECD	ECD		2	2	4	G13077	HOROZ FASULYESI	PI339385	TKY	USA		2	2	1
G12370	BLANCO RED. GRANDE (CISNE)	CAT-0791	ECD	ECD		1	2	4	G13078	HOROZ FASULYESI	PI339386	TKY	USA		2	2	1
G12404	BOLON BLANCO (LOJA)	CAT-0830-	ECD	ECD		1	2	4	G13079		PI339388	TKY	USA		2	2	1
G12412	BOLA BLANCO (COYUCT.)	CAT-0876	ECD	ECD		1	2	4	G13080		PI339389	TKY	USA		2	2	1
G12423	BLANCO PINT. BOLON (BOL/76)	CAT-0915	ECD	ECD	CR	1	2	4	G13081		PI339390	TKY	USA		2	2	1
G12425	BLANCO BOLON PEQ. (BOL/76)	CAT-0920	ECD	ECD		1	2	4	G13082		PI339391	TKY	USA		2	2	1
G12429	BLANCO TIPO NEP (BOLICHE/76)	CAT-0927	ECD	ECD		2	3	4	G13083		PI339405	TKY	USA		2	2	1
G12436	PLOMO BRILLANTE (BOLICHE/76)	CAT-0956	ECD	ECD	CR	1	2	4	G13084		PI339412	TKY	USA		2	2	1
G12445	BOLA 19-2 (LOJA)	CAT-0978	ECD	ECD		1	3	4	G13085		PI339415	TKY	USA		2	2	1
G12479	BOLA BLANCO-14 (LOJA)	CAT-1044	ECD	ECD		1	2	4	G13086	HOROZ FASULYESI	PI339455	TKY	USA		2	2	1
G12498		CAT-1081	ECD	ECD	MR	1	2	4	G13087	HOROZ FASULYESI	PI339481	TKY	USA		2	2	1
G12562	NUNA HUEVO DE PALOMA	PG 0113	PER	PER		1	1	4	G13088	HOROZ FASULYESI	PI339483	TKY	USA		2	2	1



NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B I L I T	M H A B I T	NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B I L I T	M H A B I T			
G13089	HOROZ FASULYESI	PI339488	TKY	USA	2	2	1	G13134	KAROLA	V-1106	GRC	UTK	2	2	1	
G13090	HOROZ FASULYESI	PI339491	TKY	USA	2	2	1	G13135	CADIZ MARKET	V-1225	SPN	UTK	3	2	1	
G13091	HOROZ FASULYESI	PI339515	TKY	USA	2	2	1	G13136	M-6830	V-1262	GRC	UTK	2	3	2	
G13092	HOROZ FASULYESI	PI339518	TKY	USA	2	2	1	G13137	M-7724	V-1276	GRC	UTK	1	2	3	
G13093	TEFEKSIZ FASULYESI	PI339543	TKY	USA	2	2	1	G13138	TURKEY ANKARA 784	PI416401	TKY	USA	1	2	3	
G13095	DOBROSINSKI	PI358119	YUG	USA	3	2	1	G13139	TURKEY YALOVA 1686	PI416415	TKY	USA	1	3	3	
G13096	BUCINSKI PESAK	PI358139	YUG	USA	2	2	1	G13140	TURKEY BURSA/6 1903	PI416462	TKY	USA	2	2	1	
G13097	BOSTANDZISKI	PI358154	YUG	USA	2	2	1	G13141	TURKEY/568/2 2441	PI416721	TKY	USA	2	2	1	
G13100	PLB 215	PI361325	IND	USA	2	2	4	G13142	TURKEY/153/4 2457	PI416501	TKY	USA	2	2	1	
G13101	PLB 232	PI361338	IND	USA	3	2	4	G13143	TURKEY/61/4 2463	PI416507	TKY	USA	2	2	1	
G13102	PLB 244	PI361345	IND	USA	2	2	3	G13144	TURKEY/577/10 2479	PI416727	TKY	USA	3	2	1	
G13103	PLB 251	PI361349	IND	USA	2	2	3	G13145	TURKEY/568/6 2492	PI416530	TKY	USA	3	2	1	
G13104	PLB 305	PI361385	IND	USA	1	2	MM 3	G13146	TURKEY/841/1-4 2542	PI416573	TKY	USA	2	2	1	
G13105	PLB 400-A	PI361458	IND	USA	1	2	3	G13147	KIGUMBA SIBLA	V-4894	UGA	UTK	1	2	1	
G13106	PLB 403	PI361460	IND	USA	1	2	3	G13148	298/2	V-5240	MWI	UTK	2	1	1	
G13107	PLB 407	PI361464	IND	USA	1	2	3	G13149	TR 32942	V-5372	TKY	UTK	1	2	3	
G13108	PLB 412	PI361469	IND	USA	1	2	3	G13150	TR 33066	V-5389	TKY	UTK	1	2	3	
G13109	PLB 414	PI361471	IND	USA	1	2	3	G13151	TR 33446	V-5425	TKY	UTK	2	2	4	
G13110	PLB 416	PI361473	IND	USA	1	2	4	G13152	TR 35488	V-5473	TKY	UTK CF	1	2	3	
G13111	PLB 418	PI361475	IND	USA	1	2	3	G13153	TR 37210	V-5498	TKY	UTK	1	2	3	
G13113	PLB 424	PI361481	IND	USA	1	2	2	G13154	TR 37003	V-5537	TKY	UTK	2	2	3	
G13114	PLB 425	PI361482	IND	USA	1	2	4	G13155	TR 38295	V-5555	TKY	UTK	3	2	4	
G13115	RASTESKI III	PI368712	YUG	USA	2	2	4	G13160	BUSH WHITE VENY	C.L.0025A	SPN	SPN	2	1	1	
G13116	NISKA	PI370590	YUG	USA	OT	1	3	1	G13161	DWARF WHITE OBLONGO	C.L.0043	SPN	SPN	2	2	1
G13117	CUCAVAC	PI379436	YUG	USA	OT	1	2	1	G13162	COOP.PAU BULGARE	FRC-0138	BGA	FRC	1	2	4
G13118	LUKARSKI	PI379441	YUG	USA	2	3	4	G13163	COCO PAIMP. MARTIN MICHEL	FRC-0215	FRC	FRC	1	2	1	
G13119	NISKA	PI379455	YUG	USA	OT	1	2	1	G13164	COCO PAMP. YEAU ROLLAND	FRC-0218	FRC	FRC	1	2	1
G13120	EDAR	PI379468	YUG	USA	1	3	4	G13167	WYR 13195		SSU	SSU	2	2		
G13121	PESAK	PI379473	YUG	USA	OT	1	2	1	G13169	BRANCO CHILEND		BZL	BZL	2	1	1
G13122	PAPUDA	PI379477	YUG	USA	1	2	1	G13171	BLANCO	CAT-0495	ECO	ECO	OT	2	2	4
G13123	BELA	PI379499	YUG	USA	1	2	3	G13172	TR 38048	V-5484	TKY	UTK	2	2		
G13124	W-C 1227	PI390774	PER	USA	1	2	4	G13173	TR 38466	V-5568	TKY	UTK	2	2	1	
G13126		PI407390	CHI	USA	1	2	3	G13174	ALHO DE PERDIZ	NI-311	AGL	BLG	RJ	2	1	3
G13127		PI407394	CHI	USA	RJ	1	2	1	G13184	KUMAMOTO-INGEN	COO-1104	JPN	JPN	3	3	1
G13128	LANGMALS		UTK		1	2	4	G13185	SHIRO-KINTOKI	COO-1106	JPN	JPN	1	2		
G13129	NZ.-1061			UTK	2	2	1	G13186	SHIRO-KINTOKI	COO-1107	CPR	JPN	1	2	1	
G13130	NESTANIS	V-1094	GRC	UTK	1	2	3	G13187	TAISYO-SHIRO-KINTOKY	COO-1108	JPN	JPN	1	1	1	
G13131	CHAMOPHASSOULA	V-1095	GRC	UTK	2	2	1	G13188	SHIRO-NAGA-UZURA	COO-1109	JPN	JPN	2	2	1	
G13132	KATOCHIS	V-1100	GRC	UTK	1	2	3	G13189	DU PETIT POTAGER	COO-1111	FRC	JPN	2	3	1	
G13133	POGONION	V-1105	GRC	UTK	2	2	1	G13190	WHITE KIDNEY	COO-1112	USA	JPN	2	2		

NO.	IDENTIFICACION	REGLOCAL	O	P	B	M	H	NO.	IDENTIFICACION	REGLOCAL	O	P	B	M	H
CIAT			R	R	C	F	L	CIAT			R	R	C	F	L
			I	O	S	S	L				I	O	S	S	L
			G.	C.			O				G.	C.			O
							R.								T
G13191	CANIEES	COO-1123	FRC	JPN		2	2	1	G13381	SHIRO KINTOKI	COO-4102	JPN	JPN		1
G13193	TOIKU A23	COO-1129	JPN	JPN		1	2	1	G13382	SHIRO KINTOKI	COO-4103	JPN	JPN		2
G13257	SPOTTED	COO-1326	CLB	JPN	RJ	2	2	1	G13413	SHIRO-KINTOKI	COO-4401	JPN	JPN	MR	1
G13272	HOSONAGA-HASSUN	COO-1401	KOR	JPN	CF	2	2	1	G13414	KI-UZURA-MAME	COO-4402	KOR	JPN	MR	1
G13273	UNKNOWN	COO-1402	JPN	JPN	CF	2	2	1	G13415	SASAGI	COO-4403	CPR	JPN	MR	1
G13275	UMAKEI 4	COO-1404	JPN	JPN	DT	2	1	1	G13416	KI-UZURA-MAME	COO-4404	KOR	JPN	MR	1
G13276	SHIROKURO-SAITO	COO-1405		JPN	DT	2	2	1	G13417	UNKNOWN (SHIHORO)	COO-4405	JPN	JPN	MR	1
G13277	SHIHORO-INGEN	COO-1407	JPN	JPN	RJ	1	1	1	G13418	BENISHIBORI	COO-4406	JPN	JPN	RJ	1
G13278	KO-TEBO	COO-2101	CPR	JPN		1	1	3	G13419	ANEGO-MAME	COO-4407	JPN	JPN	RJ	1
G13292	OTEBU(MAKUBETSU)	COO-2118	JPN	JPN		1	1	3	G13420	KARASU-ANEGO	COO-4408	JPN	JPN	DT	2
G13294	SHIRO-INGEN	COO-2120	SSU	JPN		1	3	4	G13421	UMAKEI 5	COO-4409	JPN	JPN	DT	2
G13295	SHIRO KINTOKI	COO-2121	JPN	JPN		1	2	3	G13422	UNKNOWN	COO-4410	JPN	JPN	MR	1
G13296	SHIRO KINTOKI	COO-2122	JPN	JPN		1	1	2	G13423	TSURUNASHI-CHASHIRO-SAITO	COO-4414	JPN	JPN	CF	2
G13297	SHIRO KINTOKI	COO-2123	JPN	JPN		1	2	2	G13425	ITALIAN SALGIA BEANS	COO-5102	JPN		1	2
G13298	WHITE HAPICOT	COO-2133		JPN		2	2	1	G13438	SHIRO-MARU-UZURA	COO-6101	JPN	JPN		1
G13305	TOKACHI-SHIRO-KINTOKI	COO-2141	JPN	JPN		1	2	3	G13439	SHIRO-MARU-UZURA	COO-6104	JPN	JPN		1
G13353	NAGA-TORA-MAME	COO-2401	JPN	JPN	CR	1	1	3	G13440	UNKNOWN	COO-6105	JPN	JPN		3
G13354	TENASHI-TORA-MAME	COO-2402	CPR	JPN	CR	1	2	3	G13441	UNKNOWN	COO-6106	JPN	JPN		1
G13355	TENASHI-TORA-MAME	COO-2403	CPR	JPN	CR	1	2	3	G13442	KINUGASA-SAITO	COO-6108	JPN	JPN		1
G13356	KO-TORA-MAME	COO-2404	CPR	JPN	CR	1	2	3	G13445	HORTICULTURAL WREN'S EGG P	COO-6113	USA	JPN		2
G13357	TENASHI-KO-TORA	COO-2405	JPN	JPN	CR	1	2	2	G13447	CASE KNIFE	COO-6119		JPN		2
G13358	SYORYU-TORA-MAME	COO-2406	JPN	JPN	CR	1	2	3	G13449	PHENOMER	COO-6129		JPN		2
G13359	UNKNOWN	COO-2407	JPN	JPN	MR	1	2	2	G13450	COURONE DE ARE	COO-6130		JPN		2
G13360	UNKNOWN	COO-2408	JPN	JPN	AM	1	1	2	G13490	UNKNOWN	COO-6402	JPN	JPN	MR	1
G13361	TADKA-MAME	COO-2409	JPN	JPN	MR	1	2	3	G13491	GENPEI	COO-6404		JPN	MR	1
G13362	YELLOW EYE BEAN	COO-2410		JPN	AM	1	1	3	G13493	WHITE SEEDED	COO-7110	IND	JPN		2
G13363	OHUKU 3	COO-3101	JPN	JPN		3	3	4	G13543	M7551 ALUVIA GRANDE		MEX	USA		2
G13364	OHUKU 4	COO-3102	JPN	JPN		2	2	4	G13584	WHITE COOKING(WEISSE KOCH)		GMN	ZBA		2
G13365	OHUKU 5	COO-3103	JPN	JPN		2	4	4	G13585	FI-9		BLV	BLV		1
G13366	OTAHUKU	COO-3104	JPN	JPN		3	1	3	G13587	PHENOMENON	PHA0634/7		GDR		2
G13367	OHUKU(KITAMI-EARLY)	COO-3105	JPN	JPN		3	2	4	G13618	BLANCO ABOLADO	X-16510	MEX	MEX		1
G13368	OHUKU(KITAMI-MIDDLE)	COO-3106	JPN	JPN		3	3	4	G13742	CARA DE CARPA O CARECHIVO	A-1389	MEX	MEX	MR	1
G13370	BEURRE RIO DES M.	COO-3108		JPN		1	3	4	G13769A		ZM80-022	ZBA	ITL		2
G13371	5823 C-8-4	COO-3113	JPN	JPN		1	2	3	G13777		ZM80-0171	ZBA	ITL		2
G13373	I.C.10056	COO-3115	IND	JPN		3	3	4	G13792		ZM80-0349	ZBA	ITL		2
G13375	UNKNOWN	COO-3301	JPN	JPN	NE	1	1	2	G13795		ZM80-0491	ZBA	ITL		2
G13377	SYORYU-TORA-MAME	COO-3401	JPN	JPN	CR	1	2	3	G13801		ZM80-0673	ZBA	ITL		2
G13378	TORA MAME	COO-3402	CPR	JPN	CR	1	1	3	G13805		ZM80-0742	ZBA	ITL	MR	1
G13379	TORA MAME	COO-3403	JPN	JPN	CR	1	2	3	G13806		ZM80-0756	ZBA	ITL		2
G13380	SHIRO KINTOKI	COO-4101	JPN	JPN		1	2	1	G13808		ZM80-0843	ZBA	ITL	DT	2

NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	H E	A	NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	H E	A
			I	O	S	S	L	Z	B				I	O	S	S	L	Z	B
			G.	C.									G.	C.					
G13810		ZM80-0862	ZBA	ITL	MR	2	2		1	G14350	119								
G13813		ZM80-0936	ZBA	ITL		2	2	MM	3	G14351	138								
G13813A		ZM80-936	ZBA	ITL	MR	2	2		1	G14352	149/9								
G13826		MW80-031	MWI	ITL	MR	1	2		3	G14416		C.L.0638	SPN	UTK					
G13840		MW80-129	MWI	ITL	RS	1	2		3	G14419		C.L.0658	SPN	UTK	MR	1	2		4
G13843A		MW80-198	MWI	ITL	MR	2	2		1	G14423		C.L.0685	SPN	UTK	RS	2	2		4
G13860		MW80-372	MWI	ITL		2	2		3	G14424		C.L.0686	SPN	UTK	CR	1	2		3
G13940		ARG-8004	ARG	ARG	MR	1	2		4	G14432		C.L.0707	SPN	UTK					
G13942		ARG-8006	ARG	ARG	MR	1	2		4	G14434		C.L.0734	SPN	UTK	CR	2	2		4
G13954		ARG-8018	ARG	ARG	MR	1	2		4	G14435		C.L.0749	SPN	UTK	MR	1	2		1
G13957		ARG-8021	ARG	ARG	OT	1	2		4	G14436		C.L.0756B	SPN	UTK	RJ	1	2		3
G13958		ARG-8022	ARG	ARG	MR	2	2		3	G14437		C.L.0759	SPN	UTK					
G13959		ARG-8023	ARG	ARG	MR	2	2		4	G14438		C.L.0760	SPN	UTK					
G13974		VAV3731-2	ARG	ARG	CF	1	2			G14439		C.L.0767	SPN	UTK					
G13976		VAV 5690	ARG	ARG	OT	1	2		3	G14440		C.L.0768	SPN	UTK					
G13978		VAV 5703-	ARG	ARG	MR	1	2		3	G14441		C.L.0808	SPN	UTK	RJ	1	3		3
G13982		VAV 5878	ARG	ARG	MR	2	2		3	G14480	CANCELA 369 LAPPIE TYPE	C.L.0369	PTC	PTC	CF	1	3		3
G13983		VAV 5879	ARG	ARG	CF	2	2		4	G14482	COCO ROSE ET BLANC	FRC-0226	FRC	FRC	CR	1	2		
G13984		VAV 5881	ARG	ARG		1	2		4	G14498	AYSEKADIN	PI179007	TKY	USA					
G13985		VAV 5883	ARG	ARG	OT	2	2		4	G14546	AMIRA = EAGLE	IVT-77262	USA	NLD					
G13990		VAV 5955	ARG	ARG	OT	1	2		4	G14550	DAYS	IVT-73197	GFR	NLD					
G13991		VAV 5956	ARG	ARG	MR	2	2		4	G14554	HARTER	IVT-74210	USA	NLD					
G13994		VAV 5959	ARG	ARG	OT	2	2		4	G14555	HARVIATOR	IVT-73202	USA	NLD					
G13997		VAV 5962	ARG	ARG	RJ	2	2		4	G14557	IRENE	IVT-77178	NLD	NLD					
G14001		VAV 5967	ARG	ARG	RJ	2	2		4	G14572	BUTTERKONIGIN	PHA0550/7		GDR					
G14005		VAV 5971	ARG	ARG	RJ	2	2		4	G14585	ARANTGARDE	PHA0897/7		GDR					
G14054	IMPROVED GOLDEN WAX	FRC-0539	USA	FRC	CF	1	3		1	G14591	HOROZ	PHA1096/7		GDR					
G14074	UNIVERSAL	FRC-0958		FRC		2	2		1	G14592	INVICTA	PHA1048/7		GDR					
G14094	TURKEY ADAPAZARI 1733	PI416423	TKY	USA		1	3		4	G14593	TUPESKAJA	PHA0260/7		GDR					
G14095	TURKEY ADAPAZARI 1735	PI416424	TKY	USA		1	3		4	G14628	NIAGARA	IVT-77706	USA	NLD					
G14097	TURKEY BURSA/3 1923	PI416464	TKY	USA		2	2		4	G14634	SANOCROP	IVT-77773	NLD	NLD					
G14098	TURKEY/568/1 2442	PI416489	TKY	USA		3	2		1	G14638	WASH HACOGOLD	IVT-77842	GMN	NLD					
G14158	IRAN HASSAN KIADEH 1189	PI416701	IRN	USA		2	2		3	G14656	MANTECA LARGO			URG	URG				
G14191	MOROZ FASULYESI	PI339369	TKY	USA		3	2		1	G14668		BVU-054	PER	PER					
G14192	MOROZ FASULYESI	PI339487	TKY	USA		2	2		1	G14687	POLE STO.DOMINGO DE LA CAL	C.L.0026	SPN	SPN	MR	2	2		4
G14198	KUMANDVSKA	PI358115	YUG	USA	OT	1	2		1	G14690	MARKET ESTELLA WHITE REDD.	C.L.0050	SPN	SPN					
G14219	VLADIMIRSKI	PI368764	YUG	USA	MR	1	2		1	G14739	APRILOVO 1	FRC-0043	BGA	FRC					
G14221	LOKALEN	PI370570	YUG	USA		2	2		3	G14749	BOMBA BLANCA	FRC-0110		FRC					
G14226		PI407395	CHI	USA	MR	1	3		3	G14755	CHRIST	FRC-0189	FRC	FRC	RJ	2	2		1
G14265	149								1	G14758	COCO GAUTIER	FRC-0195	FRC	FRC					

NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	BIM FIL	H A	NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	BIM FIL	H A
			I G.	D C.	S C.	SILIZ	B T				I G.	D C.	S C.	SILIZ	B T
G14759	COCO ST. POL	FRC-0197	FRC	FRC		1 3	1	G15432	DUFRIX	IVT-73176	GFR	NLD		1 3	1
G14761	PAMPOLAISE NO. 7	FRC-0206	FRC	FRC		1 2	1	G15452	COCO A LA CREME	FRC-0194	FRC	FRC		1 2	1
G14762	PAMPOLAISE NO. 9	FRC-0207	FRC	FRC		1 2	1	G15453	PAMP. CONAN	FRC-0222	FRC	FRC		1 2	1
G14763	PAMPOLAISE NO. 10	FRC-0208	FRC	FRC		1 2	1	G15463	A 10-1	FRC-0593	LBN	FRC		2 3	1
G14764	PAMPOLAISE BLEGEAN	FRC-0209	FRC	FRC		1 2	1	G15472	SUISSE D'AMIENS	FRC-0900	FRC	FRC		2 2	1
G14765	COCO LEGUYADER	FRC-0214	FRC	FRC		1 2	1	G15473	YELLOW NESKI	FRC-1006	FRC	OT		1 2	1
G14766	PAMPOLAISE MONTERVILLE	FRC-0216	FRC	FRC		1 2	1	G15502	4PV., N.E.PV.5	V-5268	AFG	UTK		2 2	4
G14767	COCO LE GONEDC	FRC-0220	FRC	FRC		1 2	1	G15513	139PV., N.E.PV.19	V-5282	AFG	UTK		2 2	4
G14768	COCO P. LABLE	FRC-0223	FRC	FRC		1 2	1	G15562	679PV., N.E.PV.71	V-5334	AFG	UTK		2 2	4
G14782	GOUBLANC	FRC-0467		FRC		2 3	1	G15566	TR 32663	V-5362	TKY	UTK		2 2	
G14795	KIEVSKAJA	FRC-0568	SSU	FRC		1 1	3	G15579	TR 33039	V-5382	TKY	UTK		2 2	3
G15091		FAO-54.51	CMR	ITL		2 2	MM 3	G15588	TR 33079	V-5393	TKY	UTK		1 2	
G15109		FAO-54.53	CMR	ITL		2 2	1	G15592	TR 33112	V-5397	TKY	UTK		1 2	2
G15206		FAO-54.64	CMR	ITL		2 2	1	G15598	TR 33207	V-5405	TKY	UTK		2 2	4
G15232		C.L.0421	SPN	UTK		2 2	1	G15601	TR 33213	V-5408	TKY	UTK		2 2	
G15233	FRANCESA (FRENCH)	C.L.0422	SPN	UTK		2 2	1	G15602	TR 33290	V-5410	TKY	UTK		2 2	
G15235	GARBANCILLO 8	C.L.0427	SPN	UTK	OT	1 3	3	G15610	TR 33444	V-5424	TKY	UTK		2 2	4
G15237		C.L.0436	SPN	UTK		1 2	3	G15613	TR 33450	V-5428	TKY	UTK		2 2	4
G15247	NIAGARA	C.L.0451	SPN	UTK		3 3	1	G15617	TR 33514	V-5435	TKY	UTK		2 2	
G15260	FRANCESCAS	C.L.0500	SPN	UTK		2 2	1	G15620	TR 33559	V-5440	TKY	UTK		2 2	4
G15262		C.L.0507	SPN	UTK		2 2	1	G15623	TR 33576	V-5443	TKY	UTK		2 2	4
G15265		C.L.0515	SPN	UTK		1 1	4	G15629	TR 35109	V-5455	TKY	UTK		2 2	4
G15267		C.L.0538	SPN	UTK	RJ	2 2	1	G15780	PILARICA	C.L.0484	SPN	UTK	CR	1 2	3
G15272		C.L.0588B	SPN	UTK		1 2	4	G15781		C.L.0501	SPN	UTK		1 2	1
G15276		C.L.0656	SPN	UTK		2 2	4	G15782		C.L.0505	SPN	UTK		2 1	1
G15279		C.L.0735	SPN	UTK	CR	2 2	4	G15787		C.L.0663	SPN	UTK		2 2	1
G15281		C.L.0773	SPN	UTK		1 2	4	G15788		C.L.0732	SPN	UTK		2 2	1
G15283		C.L.0789	SPN	UTK		2 2	4	G15789		C.L.0745	SPN	UTK		2 2	2
G15284		C.L.0800	SPN	UTK		2 2	4	G15790		C.L.0752	SPN	UTK	RJ	2 2	2
G15289		C.L.0839	SPN	UTK		1 2	3	G15792		C.L.0762	SPN	UTK		2 2	1
G15292		C.L.0865	SPN	UTK		1 1	3	G15793		C.L.0792	SPN	UTK		2 2	1
G15293		C.L.0875	SPN	UTK		1 2	4	G15794		C.L.0793	SPN	UTK		2 2	1
G15294		C.L.0880	SPN	UTK		1 2	4	G15798		C.L.0860	SPN	UTK	MR	1 2	3
G15298		ZM80-0049	ZBA	ITL		1 2	3	G15800		C.L.0878	SPN	UTK		1 2	3
G15313A		ZM80-0458	ZBA	ITL		2 2	1	G15803B		ZM80-0998	ZBA	ITL		1 2	3
G15325A		ZM80-0578	ZBA	ITL		2 2	1	G15834		CAT-1574		ECD	MR	1 2	
G15341		ZM80-0756	ZBA	ITL		2 2	MM 3	G15857	TR 35480	V-5468	TKY	UTK	MR	2 2	3
G15341A		ZM80-0756	ZBA	ITL		2 1	1	G15861	TR 38025	V-5483	TKY	UTK		2 2	3
G15350A		ZM80-0979	ZBA	ITL		2 2	3	G15873	TR 37378	V-5511	TKY	UTK		3 2	3
G15397		MW80-600	MWI	ITL		2 1		G15874	TR 37379	V-5512	TKY	UTK	CR	1 2	3

NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	B C	M F	H L	A E	NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	B C	M F	H L	A E
			I	O	S	S	L	Z				I	O	S	S	L	Z
			G.	C.								G.	C.				
G15883	TR 37959	V-5532	TKY	UTK		2	2	1	G16207	HEVESI TF 2234	HGY-0835	HGY	HGY		2	2	1
G15889	TR 38042	V-5540	TKY	UTK		2	2	4	G16208	JASZFELSO SZENTGYORGYI 2235	HGY-0837	HGY	HGY		2	2	3
G15890	TR 38043	V-5541	TKY	UTK		3	2	4	G16210	SZANDASZOLOSI TF 2237	HGY-0839	HGY	HGY		2	2	1
G15896	TR 38296	V-5556	TKY	UTK		2	2	1	G16212	SZAJOLI TF 2244	HGY-0843	HGY	HGY	RJ	1	2	1
G15899	TR 38403	V-5562	TKY	UTK		2	2	1	G16220	DRAVASZABOLCS	II-10-225	HGY	HGY	CR	1	2	3
G15903	TR 39074	V-5570	TKY	UTK	MR	1	2	1	G16252	TOREKENY VIZSZ	PI289474	HGY	USA	OT	2	2	3
G15911	STOKSOEPBOON (VAALS)	1.52	NLD	NLD		2	2	1	G16335B	BAYD	PI313341	MEX	USA		1	2	2
G15912	EIBOON (BENEDEN-LEEUWEN)	1.53	NLD	NLD		1	2		G16445	IRAN SHAHRUD 372	PI416066	IRN	USA		2	2	4
G15913	WITTE BOON (VENRAY)	1.55	NLD	NLD		2	3	1	G16447	IRAN GONBADE GHABUS 384	PI416070	IRN	USA		2	2	4
G15914	WITTE SABEL BOON (VENRAY)	1.56	NLD	NLD		2	2	1	G16456	IRAN MAHAN 406	PI416088	IRN	USA		2	2	4
G15916	VEENSE SNIJBOON (VENRAY)	1.58	NLD	NLD		2	1	1	G16457	TURKEY INEGOL 408	PI416089	TKY	USA		2	2	4
G15917	WITTE BOON (EINDHOVEN)	1.59	NLD	NLD		1	2	1	G16594	IRAN DASHT SAR AMOL 658	PI416289	IRN	USA		2	2	4
G15918	EIBOON (VOLKEL)	1.60	NLD	NLD		1	2	1	G16694	TURKEY ANKARA 781	PI416399	TKY	USA		2	2	4
G15919	KOOKBOON (VENRAY)	1.64	NLD	NLD		2	1	1	G16696	TURKEY ANKARA 785	PI416402	TKY	USA		3	2	4
G15920	SOEPBOON (VENRAY)	1.65	NLD	NLD		1	3	1	G16705	TURKEY YALOVA 1679	PI416411	TKY	USA		1	2	4
G15921	SNIJBOON (VENRAY)	1.66	NLD	NLD		2	3	4	G16706	TURKEY YALOVA 1680	PI416412	TKY	USA		3	2	4
G15923	SOEPBOON (VENRAY)	1.69	NLD	NLD		1	3	1	G16709	TURKEY YALOVA/31 1689	PI416416	TKY	USA		3	2	4
G15925	VEENSE SNIJBOON (VENRAY)	1.71	NLD	NLD		3	2	4	G16710	TURKEY YALOVA/31 1698	PI416417	TKY	USA		1	2	4
G15928	EIBOON (NIJCKER)	1.77	NLD	NLD		1	2	3	G16712	TURKEY ADAPAZARI/26 1714	PI416419	TKY	USA		2	2	4
G15929	FRANSE PRINSES (BEN.-LEE.)	1.78	NLD	NLD		2	2	4	G16713	TURKEY ESKASHIR 1721	PI416420	TKY	USA		1	2	4
G15941	KLEINE SOLOAAT (BRUINI)	5.08	NLD	NLD	CF	1	1	1	G16714	TURKEY ANKARA 1727	PI416421	TKY	USA		1	2	3
G15945	BEALI DE DOBROGEA	IVT-78133	HGY	NLD		1	2	4	G16715	TURKEY ADAPAZARI 1728	PI416422	TKY	USA		1	2	3
G16109A		BUV-155	PER	PER		2	2		G16716	TURKEY ANKARA 1737	PI416425	TKY	USA		1	2	4
G16114		BUV-160	PER	PER	MR	1	3	4	G16718	TURKEY ANKARA 1739	PI416427	TKY	USA		1	2	4
G16122		BUV-168	PER	PER		1	2	4	G16726	TURKEY ADAPAZARI/21 1783	PI416437	TKY	USA		1	2	4
G16124		BUV-176	PER	PER	MR	1	2	4	G16728	TURKEY ADAPAZARI/20 1801	PI416439	TKY	USA		2	3	4
G16136		BUV-182	PER	PER	MR	1	2	4	G16729	TURKEY ADAPAZARI/19 1802	PI416440	TKY	USA		3	2	4
G16137		BUV-183	PER	PER	MR	1	2	4	G16731	TURKEY ADAPAZARI/18 1812	PI416442	TKY	USA		3	3	4
G16139		BUV-185	PER	PER		1	2	4	G16732	TURKEY ADAPAZARI/17 1817	PI416443	TKY	USA		2	2	4
G16150A		BUV-237	PER	PER		1	2		G16733	TURKEY ADAPAZARI/17 1823	PI416444	TKY	USA		2	2	
G16161	CEGLEDI TF 2185	HGY-0788	HGY	HGY	RJ	1	2	1	G16735	TURKEY ADAPAZARI/15 1829	PI416446	TKY	USA		2	2	4
G16163	CEGLEDI TF 2187	HGY-0789	HGY	HGY	RJ	2	2	2	G16736	TURKEY ADAPAZARI/15 1835	PI416447	TKY	USA		2	2	
G16170	IZSAK	II-10-219	HGY	HGY		1	2	1	G16737	TURKEY ADAPAZARI/14 1836	PI416448	TKY	USA		2	2	4
G16178	SZENTMARTONKATAI TF 2203	HGY-0804	HGY	HGY		2	2	1	G16742	TURKEY BURSA/10 1876	PI416455	TKY	USA		2	2	4
G16183	TAPIOSSZELEI TF 2208	HGY-0810	HGY	HGY		2	2	4	G16743	TURKEY BURSA/10 1878	PI416456	TKY	USA		2	2	
G16184	SZENTMARTONKATAI TF 2209	HGY-0811	HGY	HGY	RS	1	2	2	G16744	TURKEY BURSA/9 1879	PI416457	TKY	USA		2	2	
G16190	GYUR	II-10-221	HGY	HGY	RS	2	2	1	G16745	TURKEY BURSA/9 1880	PI416458	TKY	USA		2	2	4
G16192	GYORI TF 2217	HGY-0815	HGY	HGY	MR	2	2	1	G16746	TURKEY BURSA/8 1882	PI416459	TKY	USA		2	2	
G16203	HEVESI TF 2230	HGY-0829	HGY	HGY	OT	2	2	1	G16749	TURKEY BURSA/2 1938	PI416465	TKY	USA		2	2	4
G16204	JASZBERENY	II-10-223	HGY	HGY	RJ	1	2	3	G16750	TURKEY BURSA/2 1943	PI416466	TKY	USA		2	2	

NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B I L I T	M I L I T	H A B I T	NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B I L I T	M I L I T	H A B I T		
G16767	TURKEY/567/10 2443	PI416490	TKY	USA	3	2		G00216	BARBUNYA	PI169729	TKY	USA	1	2	4		
G16768	TURKEY/567/9 2444	PI416491	TKY	USA	3	2		G00216	BEYAZ	PI169731	TKY	USA	1	2	4		
G16769	TURKEY/569/7 2446	PI416493	TKY	USA	3	2		G00222	AY YILDOIZ	PI169738	TKY	USA	1	2	3		
G16770	TURKEY/567/4 2448	PI416495	TKY	USA	2	2		G00223		PI169740	TKY	USA	2	2	1		
G16773	TURKEY/537/1 2453	PI416499	TKY	USA	2	2		G00240		PI169777	TKY	USA	1	2	4		
G16774	TURKEY/513/10 2454	PI416500	TKY	USA	2	2		G00256	CALI(CHALI)	PI169798	TKY	USA	1	2	4		
G16776	TURKEY/61/8 2462	PI416506	TKY	USA	2	2		G00264	CALI	PI169806	TKY	USA	1	2	3		
G16777	TURKEY/61/2 2464	PI416508	TKY	USA	2	2		G00265	CALI BATAL	PI169807	TKY	USA	1	2	4		
G16778	TURKEY/50/10 2465	PI416509	TKY	USA	2	2		G00266	HOROS	PI169808	TKY	USA	2	2	3		
G16780	TURKEY/695/1-1 2472	PI416514	TKY	USA	1	2	4	G00268		PI169814	TKY	USA	1	2	4		
G16787	TURKEY/572/3 2487	PI416526	TKY	USA	2	2		G00269		PI169815	TKY	USA	1	2	4		
G16788	TURKEY/568/8 2488	PI416527	TKY	USA	2	2		G00271		PI169818	TKY	USA	1	2	3		
G16792	TURKEY/683/1-1 2500	PI416538	TKY	USA	3	2		G00272	BALKAN	PI169819	TKY	USA	1	2	4		
								G00273		PI169820	TKY	USA	1	2	4		
								G00285		PI169822	TKY	USA	2	2	4		
								G00286		PI169823	TKY	USA	2	2	3		
								G00287		PI169825	TKY	USA	2	2	4		
								G00290		PI169828	TKY	USA	1	3	3		
								G00291		PI169829	TKY	USA	1	3	4		
								G00294	BATAL CALI	PI169832	TKY	USA	2	2	4		
G00003		PI93817	CHI	USA	1	2	3	G00307		PI169851	TKY	USA	2	2	4		
G00007		PI109541	TKY	USA	3	2	4	G00319		PI169884	TKY	USA	2	2	1		
G00015	CARAOTA DOMINO	PI109864	VNZ	USA	MR	1	2	3	G00320		PI169886	TKY	USA	MR	1	3	4
G00026	SEL 26-27	PI136682	CDA	USA	MR	1	2	2	G00322		PI169890	TKY	USA	2	2	1	
G00031	0-575	PI136690	CDA	USA	3	2	1	G00323	SEKER	PI169891	TKY	USA	1	2	1		
G00034	NORIDA	PI136594	CDA	USA	1	2	3	G00324	UFAK	PI169892	TKY	USA	1	2	4		
G00053		PI136722	CDA	USA	2	2	4	G00327		PI169895	TKY	USA	2	2	4		
G00061		PI136739	CDA	USA	AM	1	1	1	G00328		PI169896	TKY	USA	2	2	4	
G00065	60-DAY	PI136751	CDA	USA	1	2	1	G00329		PI169898	TKY	USA	1	2	4		
G00149	CALI(CHALI)	PI164926	TKY	USA	2	2	MM	3	G00331	HOROZ	PI169901	TKY	USA	2	2	1	
G00151		PI164928	TKY	USA	3	2	4	G00333	KARISIK	PI169903	TKY	USA	2	1	3		
G00154	BEYAZ FASULYE	PI165000	TKY	USA	3	2	4	G00335	HOROZ	PI169906	TKY	USA	2	2	1		
G00155	SELANIK FASULYESI	PI165008	TKY	USA	3	2	4	G00341	CALI(CHALI)	PI169918	TKY	USA	2	2	4		
G00174	GRONINGER WEEKSCHIL	PI165617	NLD	USA	3	2	1	G00344		PI169922	TKY	USA	1	2	4		
G00190	REYHANIYE	PI167012	TKY	USA	3	2	4	G00345		PI171745	TKY	USA	2	2	4		
G00200		PI167228	TKY	USA	1	2	4	G00346		PI171747	TKY	USA	1	3	4		
G00203	AK FASULYA	PI167351	TKY	USA	1	2	3	G00348		PI171749	TKY	USA	2	2	4		
G00212	AYSEKADIN	PI169724	TKY	USA	1	2	M	3	G00355		PI171757	TKY	USA	2	2	MM	1
G00213		PI169725	TKY	USA	1	2	MM	4	G00356		PI171758	TKY	USA	1	2	4	
G00215		PI169727	TKY	USA	1	2	4	G00362		PI171764	TKY	USA	1	2	4		

T A M A N O : M E D I A N O (MEDIUM)

NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	I C	B F	M L	H E	NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	I C	B F	M L	H E
			I G.	O C.	S C.	S I	L Z	B R.				I G.	O C.	S C.	S I	L Z	B R.
G00371		PI171777	TKY	USA		1	2	3	G00596	CALI(CHALI)	PI177517	TKY	USA		2	2	4
G00382		PI171796	TKY	USA		1	2	4	G00600		PI178998	TKY	USA		2	2	4
G00393	CALI(CHALI)	PI171808	TKY	USA		2	2	3	G00604	KIRAC BODUR	PI179005	TKY	USA		2	2	4
G00405	RED EYE SUGAR	PI172027	SAF	USA	RJ	2	2	1	G00606		PI179011	TKY	USA		1	2	3
G00417		PI173022	TKY	USA		1	2	4	G00608		PI179400	TKY	USA		2	2	3
G00432	AYSEKADIN	PI173042	TKY	USA		1	2	1	G00611	OTURAK	PI179403	TKY	USA		1	1	1
G00443		PI173764	TKY	USA		2	2	4	G00613		PI179408	TKY	USA		2	2	3
G00446	KURU	PI173768	TKY	USA		1	2	4	G00624		PI179422	TKY	USA		2	2	3
G00452		PI174304	TKY	USA		3	3	4	G00626		PI179424	TKY	USA		2	2	3
G00453	CALI(CHALI)	PI174306	TKY	USA		3	3	4	G00630		PI179430	TKY	USA		2	2	4
G00461	NARAS	PI174317	TKY	USA		1	2	4	G00635		PI179436	TKY	USA	CR	1	2	3
G00467	LOBIA	PI174900	IND	USA		2	2	4	G00636	ARSIN	PI179437	TKY	USA		2	2	4
G00479	SEM	PI175256	IND	USA		2	2	MM 3	G00637	CALI(CHALI)	PI179438	TKY	USA		2	2	4
G00499		PI175816	TKY	USA		1	2	3	G00652	WACHS HAUBNERS DICKFLEISCH	PI180730	GFR	USA		1	2	4
G00503		PI175820	TKY	USA		2	2	4	G00653	SCHREIBERS GRANDA	PI180732	GFR	USA		2	2	1
G00508		PI175831	TKY	USA		1	2	4	G00658	COCCINEUS X VULGARIS	PI180751	GFR	USA		2	2	1
G00510		PI175833	TKY	USA		2	3	4	G00659	COCCINEUS X VULGARIS	PI180752	GFR	USA		2	2	1
G00511		PI175834	TKY	USA		1	2	4	G00660	IMUNA X (GRANDA X CZAR)	PI180753	GFR	USA		2	2	1
G00512		PI175837	TKY	USA		1	2	3	G00661	COCCINEUS X VULGARIS	PI180754	GFR	USA		2	2	1
G00518		PI175843	TKY	USA		2	2	4	G00662	COCCINEUS X VULGARIS	PI180755	GFR	USA		2	2	1
G00530		PI175862	TKY	USA		1	2	3	G00663		PI180760	GFR	USA		2	2	1
G00532		PI175865	TKY	USA		1	2	3	G00664		PI180761	GFR	USA		2	2	1
G00533		PI175866	TKY	USA		2	3	4	G00665	IMUNA X (GENFER MARKT X ER	PI180762	GFR	USA		2	2	1
G00534	KILCIKSIZ	PI175867	TKY	USA		2	3	4	G00670	SONABARIEH	PI181788	SAR	USA		2	2	1
G00539	CALI(CHALI)	PI175874	TKY	USA		2	3	1	G00695		PI182276	TKY	USA		1	3	4
G00541	NIKSAR	PI176673	TKY	USA		2	2	4	G00705		PI183704	TKY	USA		1	2	3
G00542		PI176674	TKY	USA		1	2	4	G00708		PI183708	TKY	USA		2	2	3
G00544	ZIRAAT	PI176677	TKY	USA		2	2	3	G00733		PI189017	GTA	USA		1	2	4
G00545	HORDZ	PI176678	TKY	USA		2	2	3	G00741	ATLAS	PI189563	NLD	USA		1	2	1
G00548		PI176682	TKY	USA		1	2	3	G00772		PI194318	ETP	USA		1	2	4
G00551		PI176687	TKY	USA		2	2	3	G00778		PI194574	GTA	USA		1	2	4
G00553	DILMASON	PI176690	TKY	USA		1	3	3	G00779		PI194577	GTA	USA		1	2	3
G00555	BASARA CALI	PI176693	TKY	USA		1	3	3	G00785		PI195348	GTA	USA		1	2	4
G00557	AYSEKADIN	PI176696	TKY	USA		1	3	4	G00788		PI195362	GTA	USA		1	2	3
G00571		PI176717	TKY	USA		1	2	4	G00789		PI195365	GTA	USA		1	2	4
G00577	DILMASON	PI177037	TKY	USA		2	2	3	G00798		PI195392	GTA	USA		1	2	4
G00578		PI177038	TKY	USA		1	2	4	G00841		PI201330	MEX	USA		1	2	4
G00579	IPLIKSIZ AYSEKADIN	PI177039	TKY	USA		1	2	4	G00885		PI204603	TKY	USA		1	2	4
G00581	IPLIKSIZ AYSEKADIN	PI177044	TKY	USA		2	1	4	G00886		PI204714	TKY	USA		1	2	3
G00592		PI177505	TKY	USA		1	2	3	G00891		PI204721	TKY	USA		1	2	4

NO.	IDENTIFICACION	REGLOCAL	O	P	B	M	H	NO.	IDENTIFICACION	REGLOCAL	O	P	B	M	H
CIAT			R	R	C	F	L	CIAT			R	R	C	F	L
			I	O	S	S	L				I	O	S	S	L
			G.	C.		D	R.				G.	C.		D	R.
G00895		PI205205	TKY	USA	2	2	4	G01407	LUBIA SEFID	PI226660	IRN	USA	1	2	3
G00896		PI205210	TKY	USA	1	2	4	G01452	ALUBIA SUPERMATIA	PI261620	SPN	USA	MR	2	1
G00909		PI206982	TKY	USA	CR	1	2	4	G01456	METEOR	PI264143	GFR	USA	2	1
G00912		PI206986	TKY	USA	2	2	1	G01470	RAMET	PI271996	SPN	USA	2	2	1
G00923	U.S. N3	PI207206	CLB	USA	1	2	3	G01477		PI272005	SPN	USA	2	2	1
G00943		PI207505	AFG	USA	1	2	4	G01559	USOARE DE MOLDOVA	PI289368	HGY	USA	1	2	4
G00963	KINITI	PI209803	KYA	USA	1	2	4	G01565	WIDUSA	PI289380	HGY	USA	1	2	1
G00965		PI212020	IRN	USA	2	2	4	G01570	COCO NAINO BLANCHE PRECOCE	PI289388	HGY	USA	1	2	1
G00966		PI212110	AFG	USA	1	2	4	G01582	BOMBA THZ	PI289402	HGY	USA	1	2	1
G00980	LUBIA	PI223007	IRN	USA	2	3	4	G01591	SZEVERNAYA ZWEDZA	PI289415	HGY	USA	1	2	1
G00982	BLANCO BOLITA	PI224737	MEX	USA	1	2	4	G01593	SIROKOSZTRUCSNAJA	PI289417	HGY	USA	1	2	1
G00992	ALUBIA BLANCA LEONERA	PI226858	SPN	USA	1	2	4	G01599	GRANDA II	PI289424	HGY	USA	2	2	1
G01001	WESTRALIA	PI227115	ATL	USA	2	2	4	G01600	KAISER WILHELM	PI289426	HGY	USA	3	2	1
G01028		PI249554	IRN	USA	2	2	4	G01602	KRUMSCHNABEL	PI289429	HGY	USA	2	2	1
G01033		PI251050	YUG	USA	1	2	3	G01604	OSTFRIESI	PI289432	HGY	USA	1	2	1
G01066		PI281975	CLE	USA	2	1	4	G01606	QUEDLINBURGER REGINA	PI289434	HGY	USA	2	3	1
G01076	MUSELINA	PI282014	CLE	USA	1	2	4	G01608	WEINER TREIB	PI289436	HGY	USA	AM	2	1
G01077	ARVEJILLA	PI282019	CLE	USA	2	2	4	G01611	IMMERTREU	PI289441	HGY	USA	2	2	1
G01080	COSCORRON BLANCO	PI282025	CLE	USA	1	2	4	G01613	UNERSCHOPFLICHE	PI289443	HGY	USA	AM	2	2
G01085	BAYOS RANCAGUINOS	PI282040	CLE	USA	1	2	4	G01619	LANGE BRECH	PI289451	HGY	USA	2	2	1
G01100	CRISTAL BLANCO	PI282085	CLE	USA	1	2	4	G01625	ENDORMA	PI289461	HGY	USA	1	2	1
G01106	COSCORRON BLANCO EL LLANO	PI282104	CLE	USA	1	2	4	G01627	KENEARLY	PI289465	HGY	USA	AM	1	2
G01116	PHAENOMEN	PI289340	HGY	USA	2	2	4	G01635		PI291003	PER	USA	1	2	4
G01121	MEISTERSTUCK	PI289347	HGY	USA	2	1	4	G01638	BROKO	PI297077	PLD	USA	2	3	1
G01122	REKORD	PI289348	HGY	USA	1	2	4	G01667	TRES HATIF DE MASSY	PI302539	FRC	USA	2	2	1
G01124	GOLDKRONE	PI289350	HGY	USA	2	2	4	G01719		PI307777	ELS	USA	1	2	3
G01126	SCHLACHTSCHWERT	PI289353	HGY	USA	2	2	4	G01727		PI307796	ELS	USA	2	1	3
G01134	DA JALOMITA	PI289364	HGY	USA	1	2	3	G01784	BLANCO ALLUVIO	PI309751	MEX	USA	1	1	3
G01137	WACHS GOLDKIND	PI289371	HGY	USA	1	2	3	G01946		PI310660	GTA	USA	1	1	4
G01138	MEISTERWERK	PI289372	HGY	USA	2	2	4	G02017		PI310755	GTA	USA	2	2	1
G01140	SUPERNICHELET	PI289376	HGY	USA	2	2	3	G02037		PI310789	GTA	USA	1	2	3
G01143	NORDSTERN	PI289430	HGY	USA	2	2	1	G02214	BLANCO	PI311829	GTA	USA	1	2	3
G01144	GOLDQUELLE	PI289440	HGY	USA	2	2	4	G02240	BLANCO	PI311885	GTA	USA	1	2	4
G01146	DORRIGEA	PI289460	HGY	USA	2	2	4	G02282	ALUVIA	PI311931	MEX	USA	2	2	4
G01147	F. RUZENSZKAJA	PI289462	HGY	USA	1	2	3	G02313	BLANCO GRUESO	PI311971	MEX	USA	1	2	MM
G01162	HONDURENO BLANCO	PI304110	ELS	USA	1	2	4	G02657	COL NO 408	PI313805	GTA	USA	1	3	3
G01198		PI195393	GTA	USA	1	2	4	G02778	BLANCO	PI319566	MEX	USA	1	2	3
G01269		PI203149	JDN	USA	1	2	3	G02798	ALUVIA MEDIANA	PI319594	MEX	USA	1	2	3
G01287		PI206970	TKY	USA	2	2	2	G02833	PRINCESS OF ARTOIS	PI319861	CDA	USA	2	2	1
G01403		PI226477	IRN	USA	2	2	1	G02930	KAZAK HOROZ	PI339534	TKY	USA	2	2	1



NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M I	H A	NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M I	H A
			I G.	O C.	S C.	S I	L Z	B T				I G.	O C.	S C.	S I	L Z	B T
G02938		PI131426	GFR	USA		2	2	4	G05488		V-1258	UTK	UTK		1	3	3
G02946	TRES CORIS 106		BZL	BZL	CF	1	1	2	G05490	M-7097	V-1270	GRC	UTK		1	2	3
G03056	MEZCLA	GTA-126	GTA	GTA		1	2	2	G05501	KERMANSAM	V-2040	IRN	UTK		1	3	3
G03081	PILOV ROJO MARRON	GTA-170	GTA	GTA		1	1	3	G05502	SHIRAZ	V-2042	IRN	UTK		1	3	4
G03087		7123202	GTA	GTA		1	2		G05505	BOJNOURD	V-2064	IRN	UTK		1	2	4
G03092	DE ENRAME	PI271997	SPN	USA		2	2	1	G05506	GREAT NORTHERN 123	V-2069	USA	UTK		1	2	4
G03093	GARROFON	PI271998	SPN	USA		2	2	1	G05509	SHIRAZ	V-2097	IRN	UTK		3	2	4
G03267	AGUASCALIENTES 67		MEX	MEX		1	2	3	G05521		V-2182	CDA	UTK		1	2	3
G03284	AGUASCALIENTES 83-A		MEX	MEX		2	2	3	G05529	SEM	V-2232	IND	UTK		1	2	3
G03420	ZACATECAS 1-A		MEX	MEX		1	2	4	G05536	GHALEMBOLAND N.377	V-2316	IRN	UTK		1	2	3
G03421	ZACATECAS 9-A		MEX	MEX		1	2	3	G05537	SHIRAZ N.178	V-2318	IRN	UTK		1	2	3
G03844	CASCADE	I-1162	USA	VNZ		1	2	2	G05538	GHOUGHAN MIN 239	V-2323	IRN	UTK		1	2	3
G03928	56-B1	8-2		CRA		1	2	4	G05539	ESFAHAN MIN.224	V-2324	IRN	UTK		1	2	3
G03929	USA 12-B	8-6	USA	CRA		1	2	4	G05540	KERMANSAM MIN N.196	V-2331	IRN	UTK		1	2	3
G03940	S-719-B	8-30	USA	CRA		1	1	2	G05541		V-2335	IRN	UTK		1	2	4
G03944	LOT-107-221	8-37		CRA		2	1	1	G05542	AKAK	V-2353	IRN	UTK		1	2	3
G03945	TENDERCROP 114-18	8-40	USA	CRA		2	1	1	G05543	GOLPAYEGAN	V-2354	IRN	UTK		1	2	4
G03946	U.S.780	8-49	USA	CRA		2	1	4	G05545	ABADAN	V-2357	IRN	UTK		1	2	4
G03957	GUATEMALA 69 U 21	8-104	GTA	CRA		1	1	4	G05547	RASHT	V-2365	IRN	UTK		1	2	3
G03992	X1368A	C-222	PER	CRA		1	1	3	G05548	MASAN KIADDEH	V-2371	IRN	UTK		3	2	4
G04416	USA 58-B1	8-7	USA	CRA		1	1	4	G05549	SHIRAZ-SEL	V-2376	IRN	UTK		1	2	3
G04444	MSU-97	512-1	USA	USA		1	2	3	G05554	SHAHROUD	V-2401	IRN	UTK		1	2	4
G04447	APOLLO LOT.11		USA	USA		2	2	1	G05555	RAFSANJAN	V-2410	IRN	UTK		1	2	4
G04451	9-AI-2		USA	USA		2	3	1	G05556	ESFAHAN	V-2423	IRN	UTK		1	2	4
G04503	WIDUSA			ERC		1	2	1	G05557	KARAJ BAZAR	V-2424	IRN	UTK		1	2	3
G04544	ANT 20=PICO DE ORO		CLB	CLB	CF	2	2	2	G05563	ESFAHAN	V-2500	IRN	UTK		1	2	3
G04546	ANT 22=BLANQUILLO		CLB	CLB		1	3	3	G05565	SHIRAZ	V-2505	IRN	UTK		1	2	3
G04639	CUN 117=ARBOLITO BLANCO		CLB	CLB		1	1	3	G05566	ESFAHAN	V-2506	IRN	UTK		1	3	4
G05050	GREAT NORTHERN NO.59	BZL-335	USA	BZL		1	2	3	G05569	65-000-00511	V-2511	IRN	UTK		1	2	3
G05051	GREAT NORTHERN NO.1140	BZL-336	USA	BZL		1	2	3	G05572	ESFAHAN	V-2523	IRN	UTK		1	2	3
G05342		BZL-317	USA	BZL	CF	1	1		G05573	ESFAHAN VICINITY	V-2525	IRN	UTK		1	2	3
G05372	67-8338-N	BZL-1265		BZL		1	2	1	G05574	GHOUGHAN	V-2526	IRN	UTK		1	2	3
G05463	BH-90		CRA	CRA		1	1	3	G05591	KERMANSAM CHAMCHAL	V-2630	IRN	UTK		1	2	3
G05465	BH-92		CRA	CRA		1	3	2	G05595	65-071-00649	V-2649	IRN	UTK		1	2	3
G05477	GREAT NORTHERN NO.1 SEL.27		USA	USA		1	2	3	G05600	CALI(CHALI)	V-2806	TKY	UTK		1	2	3
G05478	TARA		USA	PRI		1	2	3	G05649	BLANCO DE VERDURA SAN JERO	HDR-2490		HDR		1	2	3
G05482	KATTARIAS(RHOODES)	V-1092	GRC	UTK		1	3	4	G05710	GREAT NORTHERN U.I.31		USA	USA		1	1	3
G05483	VELVENDON(KOZANI)	V-1107	GRC	UTK		1	3	4	G05723	CABALLERO		PER	PER		1	2	3
G05484	CHRYL SOUP OLEAS (KAVALA)	V-1112	GRC	UTK		1	2	3	G05750	WESTRALIA		ATL	ATL		2	2	4
G05487	GREAT NORTHERN UI 123	V-1217	USA	UTK		1	3	3	G05755	DADE		USA	USA		2	2	

NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	H E	A	NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	H E	A
			I G.	O C.	S C.	S L	Z B	O R.	T				I G.	O C.	S C.	S L	Z B	O R.	T
G05769	U.S.NO.3 KENTUCKY W.TYPE																		
G05776	SUAVES	CLE-625	CLE	CLE	NE	1	1		3	G06630	TOP NOTCH WAX IMP.		USA	USA	MR	1	2		1
G05777	SAPITO	CLE-603	CLE	CLE	NE	1	2		4	G06631	WONDER GREEN		USA	USA		2	2		1
G05781	SEVORITA	CLE-613	CLE	CLE	CR	1	2		4	G06659	GREAT NORTHERN U.I.61	V-1218	USA	UTK		1	2		3
G05806	BARBUCHO	CLE-045	CLE	CLE	MR	1	2		1	G06681	MSU-97	512-1	USA	USA		1	2		3
										G06693	MSU-110	605-1	USA	USA		1	2		3
G05809	PARRON	CLE-484	CLE	CLE	OT	1	2		3	G06702	MSU-198	1032-1	USA	USA		1	2		3
G05814	MUSELINA	CLE-405	CLE	CLE		1	2		3	G06705	MSU-262	167-2	USA	USA		1	2		4
G05820	MILAGRO	CLE-396	CLE	CLE		1	2		2	G06709	MSU-308	167-5	USA	USA		1	2		3
G05821	CESANTE	CLE-146	CLE	CLE	RJ	1	2		4	G06721	DOUBLE WHITE		NLD	NLD		1	2		1
G05822	COSCORRON BLANCO	CLE-169	CLE	CLE		1	2		4	G06731	TENDERPOD		USA	USA	MR	1	2		1
G05826	HALLADOS NUEVA IMPERIAL	CLE-296	CLE	CLE	NE	1	2		3	G06738	GREEN CROP		USA	USA		3	2		1
G05841	COYUNDA CAUQUENES	CLE-175	CLE	CLE		2	2		4	G06739	DECLIVUS ROMULUS		GDR	NLD		2	2		1
G05844	COSCORRON MENDEZ	CLE-171	CLE	CLE	AM	1	2		4	G06866	BRANCO DOBRADINHO	FJ-1	BZL	UTK		1	3		4
G05845	COSCORRON BLANCO EL LLANO	CLE-170	CLE	CLE		1	2		3	G06883	MULATAO BRANCO	FJ-30	BZL	UTK		2	2		1
G05853	FENIX	CLE-723	CLE	CLE		1	2		3	G07140	BISSER		BGA			1	2		4
G05854	ESPANOL DE LONGOTOMA	CLE-215	CLE	CLE	CR	1	2		4	G07161	CRISTAL BLANCO X FENIX		CLE	CLE		1	2		3
G05857	ENREDADERA	CLE-209	CLE	CLE		2	2		4	G07197	IZR-1026		BGA			1	3		3
G05884	BURROS ESPANOL	CLE-106	CLE	CLE	CR	1	2		3	G07224	AYSEKADIN	PT169926	TKY	USA		1	2		4
G05898	JAPONES BLANCO		MEX	MEX		1	1			G07254	ANCASH 25-ANCASH 27		PER	PER	MR	2	2	MM	4
G06029	TORBAT HEYDARIEH-534	V-2534	IRN	UTK		1	2		3	G07271	CF-12		BLV	BLV	RJ	1	1		4
G06039	BLANCO LOCAL		PER	PER		1	2		4	G07274	CF-22		BLV	BLV		1	3		4
G06239	YELLOW-EYE		USA	USA	AM	1	2		2	G07281	CF-36		BLV	BLV	MR	1	2		4
G06334	VIDRESCO		NLD	NLD		1	3		3	G07287	FI-40		BLV	BLV		1	1		4
G06335	RESULTA		NLD	NLD		1	2		1	G07298	FI-69		BLV	BLV		1	3		4
G06361	GREAT NORTHERN		USA	USA		1	2		3	G07304	AYACUCHO 23	LM-1386	PER	PER		1	2		4
G06377	GREAT NORTHERN EMERSON		USA	USA		1	3		3	G07319	ANC.-110, HCO.-12, JUN.-1		PER	PER	MR	2	2	MS	4
G06378	GREAT NORTHERN NEBRASKA 1		USA	USA		1	2		3	G07369	APURIMAC 35	LM-1347	PER	PER	MR	1	1		4
G06428	S-1 S-W		UTK	UTK		1	1		1	G07431	APURAMAC 32	LM-1360	PER	PER		1	2		4
G06435	GUATEMALA 24	HDR-2495	GTA	HDR		1	1		4	G07441	BLANQUILLO		CLB	CLB		1	2		4
G06555	IG 563 C-M/73-74		MEX	MEX		1	2		3	G07478	ESFAHAN-054	V-2054	IRN	UTK		1	2		3
G06598	MANGERE POLLE			NZL		2	2		4	G07488	WYP 12299 HAR*KOVSKAJA BE.		SSU	SSU		2	2		1
G06604	BUSH BLUE LAKE 290		USA	USA		2	2		1	G07509	DEL REY	IVT-72208	USA	NLD		2	2		1
G06606	713895		USA	USA		1	2		1	G07512	DYNAMIT	IVT-27222	GFR	NLD		1	3		1
G06607	713896		USA	USA		1	2		1	G07517	ERNTESTICHER	IVT-73177	GFR	NLD		1	2		1
G06608	BISTRENSI			BGA		1	2		3	G07529	GARDOL	IVT-72225	GFR	NLD		1	2		1
G06609	DOBRUDZANKA 2			BGA		1	2		3	G07530	GRANDRESTISTA=(GRETA)	IVT-72285	GFR	NLD		3	2		1
G06610	DUNAV 1			BGA		2	2		1	G07531	HACOGOLD	IVT-73189	GDR	NLD		1	2		1
G06611	DUNAVEC			BGA		1	2		3	G07537	KORALLE	IVT-72224	GFR	NLD		1	2		1
G06622	GREEN POD 473-A		USA	USA		2	2		1	G07541	MAJA	IVT-72300	GFR	NLD		2	2		1
G06626	POVA		USA	USA		1	2		1	G07545	TRISTAN	IVT-72228	GFR	NLD		1	2		1

NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	H E	NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	H E
			I	O	S	S	L	Z				I	O	S	S	L	Z
			G.	C.								G.	C.				
G07548	ADRETT	IVT-72218	GFR	NLD		1	2	1	G07677	KEMEARELY		GDR	AM	1	1		1
G07555	DELIKAT	IVT-73172	GFR	NLD		1	2	1	G07680	KORBFULLER		GDR		1	2		4
G07561	KROBESTA	IVT-73169	NLD	NLD		1	2	1	G07687	MARVANYSZEMU		GDR		2	2		1
G07562	LOTUS	IVT-72271	NLD	NLD		1	2	1	G07689	MIGNON		GDR		1	2		1
G07564	MAFSTRO	IVT-72216	USA	NLD		2	2	1	G07690	MODERNA		GDR		1	2		1
G07566	METORIT	IVT-73173	GFR	NLD		1	2	1	G07691	MOMBACHER SPECH		GDR		2	2		4
G07570	OSKAR	IVT-72270	NLD	NLD		1	2	1	G07699	PACER		GDR		1	2		1
G07571	PETRA	IVT-73298	GFR	NLD		1	2	1	G07702	PHAENOMEN		GDR		1	2		3
G07572	PIERROT	IVT-75189	NLD	NLD		1	2	1	G07703	PEARL GREEN		GDR		1	2		1
G07573	POP	IVT-74230	FRC	NLD		1	2	1	G07711	RUHM VOM VORGEIRGE		GDR		2	1		4
G07574	PREFORITA	IVT-74137	NLD	NLD		1	2	1	G07712	RUNDE WEIBE KOCHBOHNE		GDR		1	2		1
G07575	PRENFL	IVT-73127	FRC	NLD		1	2	1	G07713	SCHLACHTSCHWERT		GDR		1	2		4
G07578	REGAL	IVT-72209	USA	NLD		1	2	1	G07714	SCHLACHTSCHWERT EXTRA LANG		GDR		3	1		1
G07580	ROSISTY O F	IVT-75270	GFR	NLD		1	2	1	G07725	TERRAS VERBESSERTE PRINZEN		GDR		1	2		1
G07582	SONORA	IVT-75191	NLD	NLD		1	2	1	G07726	TOP NOTCH GOLDEN WAX		GDR	MR	1	2		1
G07584	TENOR	IVT-73101	FRC	NLD		1	2	1	G07739	ZWAAN'S RESISTENTIA		GDR	MR	1	2		1
G07585	TELIER SENSATION	IVT-73103	FRC	NLD	CF	2	2	1	G07921	DE 38		GRC	GRC		1	2	1
G07586	TROFEE	IVT-72184	NLD	NLD		1	2	3	G07924	DE 41		GRC	GRC		1	2	3
G07587	TRUGREEN	IVT-73264	USA	NLD		1	2	1	G07926	DE 43		GRC	GRC		1	2	3
G07593	WYF 8435 BOMBA KUBANSKAJA		SSU	SSU		1	1	3	G07929	ALUBIA (POBLACION COMUN)		ARG	ARG		2	2	4
G07597	TENDER BLUE			USA		2	2	1	G07930	ALUBIA (SEL.CERRILLOS)		ARG	ARG		2	2	1
G07599	GIN TEBU	CDD-2142	JPN	JPN		1	2	3	G07958	ANTIOQUIA 22	HDR-0020	CLB	HDR		1	2	2
G07609	ALLER FRUHESTE WEIBE			GDR		1	1	1	G08000	IMCO	IVT-74138	NLD	NLD		2	2	1
G07612	AMULET			GDR		1	2	1	G08004	ALLER FRUHESTE TREIB		GDR		1	3		1
G07616	ASCHERS LEBENER MEISTERWER			GDR		1	2	4	G08007	AZARYAN		GDR		1	2		1
G07617	AUREA			GDR		2	1	1	G08008	COCO BLANC PRECOCE		GDR		1	2		1
G07622	BESTE VON ALLEN			GDR	DT	2	2	1	G08024	KORA		GDR		1	2		1
G07623	BEURRE AIGUILLETE			GDR	DT	2	2	1	G08028	NAIM COMPLET		GDR		2	2		1
G07630	BURPEE'S BRITILE WAX			GDR	DT	2	2	1	G08030	OLOMOUCKA ZELENOLUSKA		GDR		1	2		1
G07638	DIPPEGOLD			GDR		3	2	1	G08031	PROTECTA		GDR		1	2		1
G07641	ENBLES ENERGIE			GDR		1	1	3	G08037	STREAMLINER		GDR		2	2		1
G07642	ENDRYA			GDR		1	2	1	G08038	SULTAN WEIB		GDR		1	2		1
G07649	EXTRA DICK FLEISCHIGE ZUCK			GDR		1	2	1	G08039	WEINER TREIB		GDR	AM	1	1		1
G07651	FRUHLINGS BOHNE			GDR	DT	2	2	1	G08098	COMMERCIAL(VARIAB.)S.WHITE		UTK	UTK		1	2	4
G07652	GEANT VERT SANS PARCHEMIN			GDR		3	2	4	G08099	CONQUEST		UTK	UTK		1	2	1
G07663	HERKULES			GDR		1	2	1	G08113	LIGNOT		FRC	UTK		2	2	1
G07667	HINRICHS RIESEN MIT WEIBEN			GDR		1	2	1	G08114	MICHELET		FRC	UTK		1	1	1
G07669	ILSENBURGER WEIBE			GDR		1	2	1	G08116	MERVEILLE DE FRANCE		FRC	UTK		2	3	1
G07671	JERUSALEM			GDR		1	2	4	G08117	NEW COMMERCIAL WHITE COCO		PTC	UTK		1	2	1
G07674	KAISER WILHELM RIESEN			GDR		1	2	1	G08120	PV-52		GRC	UTK		3	2	4

NO. CIAT	IDENTIFICACION	REGLOCAL	O R T G.	P R O C.	B F S O R.	M F S S I L I Z I T	H A B	NO. CIAT	IDENTIFICACION	REGLOCAL	O R T G.	P R O C.	B F S O R.	M F S S I L I Z I T	H A B				
G08123	POLE WHITE (1)			PTC	UTK	3	2	4	G08828	KASKAD 60	IVT-77664	DMK	NLD	2	2	1			
G08124	POLE WHITE (2)			PTC	UTK	3	2	3	G08831	KING HORN WAX		USA	PER	2	1	1			
G08133	ST.ESPRIT.			FRC	UTK	RJ	2	2	1	G08832	KODA	IVT-77666	FRC	NLD	CF	2	1	1	
G08134	ST.FIACRE OLD			FRC	UTK		2	1	4	G08836	LASTOVICV (STYRSKA)	IVT-77673	CSR	NLD	OT	2	1	1	
G08208	CUNDINAMARCA 133	HDP-0126		CLB	HDR	2	2	4	G08841	L'INEPUISABLE	IVT-77677	FRC	NLD		1	1	1		
G08219	LAMBAYEQUE 2	LM-1103		PER	PER	1	2	4	G08842	LINTORPA FRUH	IVT-77678	GFR	NLD		2	1	1		
G08648	ABUNDA	IVT-77500		NLD	NLD	1	2	1	G08843	LONDONER MARKT M/F	IVT-77680	GFR	NLD	OT	2	2	1		
G08651	ALSA	IVT-77503		GFR	NLD	2	2	1	G08845	LONGIMUNA	IVT-77682	GFR	NLD		2	1	1		
G08653	AMATA	IVT-77506		NLD	NLD	2	2	1	G08847	MZ (MEXICO 227 X PB 64)		FRC	FRC		1	3	1		
G08654	ANDANTE	IVT-77507		NLD	NLD	2	2	1	G08851	MASTER	IVT-77686	DMK	NLD		2	2	1		
G08658	ARLA	IVT-77512		SWD	NLD	2	1	1	G08852	MEDIA	IVT-77689	GFR	NLD		2	1	1		
G08674	BLANC NAIN AMELIORE	IVT-77529		FRC	NLD	2	1	1	G08853	MEDRA	IVT-77690	GDR	NLD		2	2	1		
G08680	BULHARSKO 2638	IVT-77538		CSR	NLD	1	2	3	G08857	METIS (WAXBEAN)	IVT-77695	FRC	NLD	OT	2	3	1		
G08689	CARALTO	IVT-77543		NLD	NLD	2	2	1	G08866	NOBILA	IVT-77708	GFR	NLD		2	2	1		
G08691	CARNY	IVT-77547		GFR	NLD	2	1	1	G08871	OSU 58		USA	USA		3	2	1		
G08704	CF-23	CF-23		BLV	BLV	1	2	4	G08874	DERINGER GOLD	IVT-73190	GDR	NLD		2	2	1		
G08728	COLANA	IVT-77555		NLD	NLD	1	2	1	G08880	PALLAS	IVT-77723	GFR	NLD		2	2	1		
G08731	CONSISTA	IVT-77561		GDR	NLD	3	1	1	G08890	PICO	IVT-73196	USA	NLD		2	3	1		
G08738	DICKFLEISCHE O.F	IVT-77568		GFR	NLD	1	1	1	G08935		PI358094	YUG	USA		2	3	3		
G08742	DUBLETTE	IVT-77573		GFR	NLD	2	2	1	G08936	PICKER	IVT-77729	USA	NLD		2	2	1		
G08745	EARLY HARVEST	IVT-77580		USA	NLD	2	1	1	G08937	PINK EYE BEANS	IVT-77730	UTK	NLD	RJ	3	1	1		
G08751	ESPRIT	IVT-77591		GFR	NLD	1	2	1	G08939	PFALZER JUNI *	IVT-74114	GFR	NLD		2	1	1		
G08755	FAXOS	IVT-77594		GFR	NLD	2	2	1	G08944	PRODIGE DE COUNTRY BLANC	IVT-77736	CSR	NLD		2	2	1		
G08756	FANTO	IVT-77595		NLD	NLD	RS	2	2	1	G08955	PROXA	IVT-77752	HGY	NLD	CF	1	2	1	
G08760	FENITA	IVT-77598		NLD	NLD	1	1	1	G08957	PROBATINE	IVT-77748	NLD	NLD		1	2	1		
G08769	FRIESEN FREUND	IVT-77609		GFR	NLD	2	2	1	G08962	REGINA	IVT-77758	GFR	NLD		2	2	1		
G08774	GREAT NORTHERN VALLEY			USA	USA	1	1	3	G08963	REGULA	IVT-77759	GFR	NLD		2	2	1		
G08779	GOLD JUWEL	IVT-77627		GFR	NLD	1	2	1	G08964	REGULEX	IVT-77760	GFR	NLD		2	2	1		
G08785	GOLDEN WAX	IVT-77625		USA	NLD	MR	1	2	MS	1	G08969	ROFIN	IVT-74190	NLD	NLD		2	2	1
G08787	GRANDESSA	IVT-77628		GFR	NLD	3	2	1	G08972	SABRE NAIN	IVT-77770	CSR	NLD		3	2	1		
G08788	GRANDIMUNA	IVT-77629		GFR	NLD	3	2	1	G08985	SIMPOBEL	IVT-74231	NLD	NLD		1	3	1		
G08789	GRANDRESISTA WACHS	IVT-77630		GFR	NLD	3	2	1	G08987	SLAVIA	IVT-77789	CSR	NLD		2	2	1		
G08790	GREAT NORTHERN NO.15	IVT-77631		USA	NLD	1	2	3	G08988	SLINGREEN	IVT-73263	USA	NLD		2	2	1		
G08802	HARVESTER	IVT-77640		USA	NLD	2	2	1	G08989	SLENDER WHITE	IVT-73268	USA	NLD		2	2	1		
G08803	HARVESTER KING	IVT-77641		USA	NLD	1	2	1	G08992	STRING.BLUE LAKE PRIME PAC		USA	PER		2	3	4		
G08809	HINRICHS REUZEN LIGHT.M.DR	IVT-77645		NLD	NLD	1	2	1	G08997	STRINGLESS KIDNEY WAX	IVT-77797	USA	NLD	OT	2	2	1		
G08810	HINRICHS REUZEN LIGHT.Z.DR	IVT-77646		NLD	NLD	1	2	1	G09008	SUISSE BLANC HATIF	IVT-77801	CSR	NLD		2	2	1		
G08812	HIGRADE IMPROVED	IVT-77650		USA	NLD	1	2	1	G09027	UNIMA	IVT-77825	GFR	NLD		2	2	1		
G08816	MYLOVSKA BILA	IVT-77654		CSR	NLD	1	2	1	G09033	VIVENTO	IVT-77830	NLD	NLD		2	2	1		
G08827	JUTTA	IVT-77663		GDR	NLD	2	2	1	G09038	WALO	IVT-77855	NLD	NLD	RS	1	2			

NO. CIAT	IDENTIFICACION	REGLOCAL	O P R I G.	P R O C.	B M S L O R.	M H A B	NO. CIAT	IDENTIFICACION	REGLOCAL	O P R I G.	P R O C.	B M S L O R.	M H A B				
G09041	WAVERO	IVT-73174	GFR	NLD	1	3	1	G09424	WACHS AURORA	FRC-982	FRC	AM	1	2	1		
G09043	WACHS AURORA	IVT-77834	USA	NLD	AM	1	2	1	G09429	WATEX	FRC-990	FRC		1	2	1	
G09045	WACHS GOLDFUWEL	IVT-77841	GFR	NLD		2	2	1	G09430	WIDUSA	FRC-991	NLD	FRC	1	2	1	
G09048	WYLA	IVT-77862	GFR	NLD		1	2	1	G09446	IMUNA	FRC-542	FRC		1	2	1	
G09052	WACHS GOLDIMMENS	IVT-77840	GFR	NLD		1	2	1	G09454	DUSTOR	IVT-74119	NLD	NLD	1	2	1	
G09056	WACHS TSCHERMAKS D.F.	IVT-77548	SWL	NLD	AM	1	2	1	G09455	DNEPROVSKAJA BOMBA		SSU	SSU	1	2	3	
G09066	ZLATNI VOSCOVAC	IVT-77866	YUG	NLD	MR	1	2	1	G09488	GUATEMALA 719	GTA-719	GTA	GTA	1	2	4	
G09081	APRILOVO 3	FRC-042	BGA	FRC		2	3	3	G09498	LAZY WIFE		USA	PER	1	3	3	
G09082	ARBOLITO	FRC-048		FRC		1	2	3	G09501	PASTEL	IVT-73158	NLD	NLD	2	3	1	
G09091	BEGRET	FRC-074	RMN	FRC		1	2	3	G09511		PI169719	TKY	USA	1	2	3	
G09101	BL.PRECOCE DE ALGER	FRC-102	FRC	FRC		1	2	3	G09516		PI171741	TKY	USA	1	2	MM 3	
G09170	DNEPROVSKAJA MI	FRC-347	SSU	FRC		1	2	3	G09519	PIZARRO	IVT-73240	NLD	NLD	1	3	1	
G09229	MASSY FILANT REGNIER	FRC-622	FRC	FRC		1	2	3	G09523	RUST.PROOF.GOLDEN WAX		USA	PER	MR	1	2	1
G09268	PASTEL	FRC-735		FRC		1	2	1	G09524	SIMPLO	IVT-74148	NLD	NLD	1	2	1	
G09269	PEARL GREEN	FRC-736	USA	FRC		1	3	1	G09525	STEPNAJA 5		SSU	SSU	1	2	4	
G09270	PERCHE BLEUE	FRC-737	FRC	FRC		1	2	3	G09531	WYR 10598 LOCAL		SSU	SSU	1	2	3	
G09273	PETIT BEURRE	FRC-741	FRC	FRC		1	2	3	G09569	GUATEMALA 516	GTA-516	GTA	GTA	1	2	4	
G09274	PETIT POTAGER	FRC-742	FRC	FRC		2	2	1	G09579	GUATEMALA 619	GTA-619	GTA	GTA	1	2	4	
G09275	PFALGER JUNI	FRC-744	GMN	FRC		1	2	1	G09831	P7787-11-6		PER	USA	1	1	3	
G09276	PFALZGRAFIN	FRC-745	GMN	FRC		2	2	1	G09857	E7955		ECO	USA	1	2	4	
G09287		FRC-757	SAR	FRC		3	2	1	G10038	PRELUDE STAMSLABOON (LPT)	I.14	NLD	NLD	2	1	1	
G09302	PRINCO	FRC-786		FRC		1	2	1	G10052	WITBOONTJE (BARNEVELO)	I.37	NLD	NLD	1	1	1	
G09313	REGALLA	FRC-805		FRC		1	2	3	G10159	WHITE SEMIFLAT POLE	C.L.0019	SPN	SPN	2	2	4	
G09326	ROBIN	FRC-824		FRC		1	2	1	G10163	WHITE SEED.SEMIFLAT POLE	C.L.0023	SPN	SPN	2	2	3	
G09331	ROYA	FRC-834		FRC		1	3	3	G10175	DWARF WHITE STRAIN OLMILL.	C.L.0046	SPN	SPN	2	1	1	
G09334	RUSITY RESK	FRC-836		FRC		1	2	1	G10178	ESTELLA	C.L.0051	SPN	SPN	1	2	3	
G09340	ST.ANDREA ROUGE	FRC-846	FRC	FRC	RJ	2	2	1	G10184	SMALL WHITE STD TOMAS	C.L.0057	SPN	SPN	2	2	4	
G09343	SALIA	FRC-849		FRC		1	2	1	G10186	WHITE KIDNEY STD TOMAS	C.L.0059	SPN	SPN	2	2		
G09349	SELECTA	FRC-862		FRC		2	2	1	G10195	POLE BEAN YELLOWISH RADIC.	C.L.0070	SPN	SPN	2	2	3	
G09358	SLENDER GREEN	FRC-874	USA	FRC		1	3	1	G10202	SAPUSTELA DWARF MEDIUM	C.L.0082	PTC	PTC	2	1	3	
G09360	SLENDER WHITE	FRC-879	USA	FRC		1	2	1	G10211	SEMI CLIMBING MEDIUM FRESH	C.L.0096	PTC	PTC	2	3	3	
G09363	SQISSON N.GR.N2	FRC-883	FRC	FRC		3	3	1	G10237	SEMI CLIMBING	C.L.0125	PTC	PTC	2	2	3	
G09364	SQISSON N.HATIF NO.1	FRC-884	FRC	FRC		1	2	1	G10238	SEMI CLIMBING WITH POD OI	C.L.0126	PTC	PTC	2	2	3	
G09366	STELLA	FRC-888		FRC		1	2	1	G10239	PADEDES DE COWA WHITE	C.L.0127	PTC	PTC	2	2	3	
G09394	TERTIUS	FRC-936		FRC		1	2	1	G10254	CACHAMUNDINHO POLE WHITE	C.L.0147	PTC	PTC	2	2	4	
G09400	THM	FRC-946		FRC		1	2	1	G10287	DORNAS SEMI CLIMB.MED.SEED	C.L.0188	PTC	PTC	2	3	3	
G09402	TRIANON	FRC-948	FRC	FRC		2	3	1	G10288	DORNAS SEMI CLIMB.WHITE	C.L.0189	PTC	PTC	2	3	3	
G09406	TRELANEL	FRC-953	FRC	FRC		1	2	1	G10300	BARRIO POLE PRINCESS LIKE	C.L.0204	PTC	PTC	2	2	3	
G09407	FLAG.T.H.D.ETAMPE	FRC-954	FRC	FRC		1	2	1	G10312	SARDE WHITE SEL.FROM MIXT.	C.L.0220	PTC	PTC	2	2	3	
G09410	USTREM	FRC-962	BGA	FRC		1	2	1	G10319	FAFE POLE MED.SMALL WHITE	C.L.0227	PTC	PTC	2	3	4	

NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P P	C C	B F	M I	H A	NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P P	C C	B F	M I	H A
			I G.	O C.	S C.	S I	L Z	B R				I G.	O C.	S C.	S I	L Z	B R
G10407	VISEN DWARF 342	C.L.0342	PTC	PTC		2	3	1	G10897	GUATEMALA 1379	GTA-1379	GTA	GTA		2	2	4
G10416	VISEN DWARF 353 SIM.NORTH.	C.L.0353	PTC	PTC		2	3	4	G10888	GUATEMALA 1380	GTA-1380	GTA	GTA		2	3	4
G10462	SANTANDER 412 PRINCESSE T.	C.L.0412	SPN	SPN		2	2	4	G10889	GUATEMALA 1382	GTA-1382	GTA	GTA		2	3	4
G10470	GUATEMALA 885	GTA-0885	GTA	GTA		2	3	4	G10890	GUATEMALA 1383	GTA-1383	GTA	GTA		2	3	4
G10480	GUATEMALA 895	GTA-0895	GTA	GTA		2	3	4	G10895	GUATEMALA 1389	GTA-1389	GTA	GTA		2	3	4
G10496	GUATEMALA 912	GTA-0912	GTA	GTA		2	3	4	G10901	GUATEMALA 1403	GTA-1403	GTA	GTA		2	3	4
G10500	GUATEMALA 916 (BOLONILLO)	GTA-0916	GTA	GTA		1	3	4	G10902	GUATEMALA 1407	GTA-1407	GTA	GTA		2	3	4
G10504	GUATEMALA 920	GTA-0920	GTA	GTA		2	3	4	G10916	GUATEMALA 1431	GTA-1431	GTA	GTA		2	3	4
G10508	GUATEMALA 925	GTA-0925	GTA	GTA		2	3	4	G10925	GUATEMALA 1499	GTA-1499	GTA	GTA		2	3	
G10519	GUATEMALA 936 (BOLONILLO)	GTA-0936	GTA	GTA		1	3	4	G10933	GUATEMALA 1513	GTA-1513	GTA	GTA		2	3	4
G10529	GUATEMALA 946	GTA-0946	GTA	GTA		2	3	4	G10939	GUATEMALA 1520	GTA-1520	GTA	GTA		2	2	3
G10540	GUATEMALA 957 (BOLONILLO)	GTA-0957	GTA	GTA		1	3	4	G11086	GUERITO	OGD78/159 MEX	MEX	MEX		1	1	4
G10561	GUATEMALA 981	GTA-0981	GTA	GTA		2	3	4	G11126	CHATIFA DE ETAMP	IVT-77397	SSU	NLD		2	3	1
G10571	GUATEMALA 991	GTA-0991	GTA	GTA		2	3	4	G11136	JANTAR	IVT-77423	SSU	NLD		2	2	1
G10574	GUATEMALA 994	GTA-0994	GTA	GTA		2	3	4	G11137	KONSERVNAJA	IVT-77426	SSU	NLD		1	2	1
G10579	GUATEMALA 999	GTA-0999	GTA	GTA		2	3	4	G11150	REPITA	IVT-77465	NLD	NLD		2	2	1
G10594	GUATEMALA 1014	GTA-1014	GTA	GTA		2	3	4	G11157	SARKA	IVT-77106	SSU	NLD		2	2	1
G10597	GUATEMALA 1017	GTA-1017	GTA	GTA		2	3	4	G11160	SROKOSTUCKOVAJA	IVT-77106	SSU	NLD		2	2	1
G10600	GUATEMALA 1020 (BOLONILLO)	GTA-1020	GTA	GTA		2	3	4	G11162	STERNAJA	IVT-77106	SSU	NLD		1	3	3
G10602	GUATEMALA 1022	GTA-1022	GTA	GTA		3	3	4	G11197	ALBONO	IVT-77694	NLD	NLD		2	3	1
G10608	GUATEMALA 1028	GTA-1028	GTA	GTA		2	3	4	G11198	ASTA	IVT-77895	PLD	NLD		1	2	1
G10613	GUATEMALA 1033	GTA-1033	GTA	GTA		2	2	4	G11199	ASTRO	IVT-77896	GFR	NLD		2	3	1
G10614	GUATEMALA 1034	GTA-1034	GTA	GTA		2	3	4	G11205	BUSH BLUE LAKE	IVT-77914	USA	NLD		2	3	1
G10674	GUATEMALA 1095	GTA-1095	GTA	GTA		2	3	4	G11219	GOLDETTA	IVT-77944	GFR	NLD		2	2	1
G10684	GUATEMALA 1108 (BOLONILLO)	GTA-1108	GTA	GTA		1	3	4	G11220	HANACKA BELOSEMENNA	IVT-77948	CSR	NLD		2	2	1
G10698	GUATEMALA 1123	GTA-1123	GTA	GTA		2	3	1	G11224	IMPALA	IVT-77956	NLD	NLD		1	2	1
G10699	GUATEMALA 1124	GTA-1124	GTA	GTA		2	3	1	G11233	KONING DER BOTTERBONEN	IVT-77969	NLD	NLD		2	2	1
G10701	GUATEMALA 1127 (BOLONILLO)	GTA-1127	GTA	GTA		2	3	4	G11245	OLIVADE	IVT-77994	NLD	NLD		2	2	1
G10715	GUATEMALA 1141	GTA-1141	GTA	GTA		2	3	4	G11246	PERGUSA	IVT-77100	GFR	NLD		2	3	1
G10744	GUATEMALA 1171 (BOLONILLO)	GTA-1171	GTA	GTA		1	3	4	G11256	SEX	IVT-77102	GFR	NLD		2	3	1
G10814	GUATEMALA 1241 (BOLONILLO)	GTA-1241	GTA	GTA		1	3	4	G11258	SPERLINGS NOVA	IVT-77102	GFR	NLD		1	3	1
G10820	GUATEMALA 1247	GTA-1247	GTA	GTA		2	3	4	G11264	WACHS RESISTA	IVT-77104	GFR	NLD		2	2	1
G10821	GUATEMALA 1248	GTA-1248	GTA	GTA		2	3	4	G11266	WIDUCO	IVT-77105	NLD	NLD		2	2	1
G10874	GUATEMALA 1365	GTA-1365	GTA	GTA		2	1	4	G11269	IVT 7233	IVT-73321	NLD	NLD		2	2	3
G10875	GUATEMALA 1366	GTA-1366	GTA	GTA		2	1	4	G11270	IVT 7214	IVT-76064	NLD	NLD		1	3	3
G10876	GUATEMALA 1367	GTA-1367	GTA	GTA		2	2	4	G11271	IVT 7620	IVT-77217	NLD	NLD		1	1	1
G10880	GUATEMALA 1371	GTA-1371	GTA	GTA		2	1	4	G11278	GREAT NORTHERN U.I.16	IVT-77302	USA	NLD		1	2	4
G10881	GUATEMALA 1372	GTA-1372	GTA	GTA		2	1	4	G11279	GREAT NORTHERN U.I.59	IVT-77303	USA	NLD		1	2	3
G10885	GUATEMALA 1377 (BOLONILLO)	GTA-1377	GTA	GTA		1	3	4	G11280	HENRICHS RIESEN MESZG.M.F.	IVT-77645	GFR	NLD	RS	1	2	1
G10886	GUATEMALA 1378	GTA-1378	GTA	GTA		2	3	4	G11286	WACHS PROTECTA	IVT-77844	GFR	NLD		1	2	1

NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	H E	A A	NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	H E	A A
			I G.	O C.	S C.	S I	L O	Z R.	B T				I G.	O C.	S C.	S I	L O	Z R.	B T
G11339	AGUASCALIENTES 19-1	MEX-071	MEX	CLB		1	1	3		G13369	UNKNOWN	COD-3107	JPN	JPN		1	3	4	
G11455	VERACRUZ 6-2	MEX-452	MEX	CLB		1	1	3		G13372	UNKNOWN (INDONESIA)	COD-3114	IDS	JPN		1	2	4	
G11602		GTA-103	GTA	CLB		1	2	4		G13374	P.L.B.127	COD-3116	IND	JPN		1	2	3	
G11844	BOCA AMARILLA		ARG	ARG	AM	1	2	3		G13443	KINUGASA	COD-6109	JPN	JPN		1	3	4	
G11854	WALCHERSE WITTE (LPT)	1.41	NLD	NLD		1	2	3		G13444	SHIN-KINUGASA	COD-6110	JPN	JPN		1	2	4	
G11856	WIT SUIKER BOONTJE(APPE.)	1.44	NLD	NLD		2	3	1		G13446	SUTTON'S SPECIAL	COD-6117	UTK	JPN		1	3	4	
G11857	WITTE BOON (DIRSCHOT)	1.45	NLD	NLD		2	2	1		G13588	TERRAS GRUNE BRECH	PHA0880/7	GDR			2	2	4	
G11859	WITTE DROOG SLABOON(BATH.)	1.47	NLD	NLD		1	2	3		G13616		X-16452	MEX	MEX	RS	1	2	3	
G11894	NEBRASKA 1-1		USA	USA		2	3	3		G13635	GRUESO BLANCO	VP-035	MEX	MEX		2	2	4	
G11897	NEBRASKA 9-2		USA	USA		3	2	3		G13780		ZM80-0176	ZBA	ITL	MR	2	2	1	
G12149	HUANCAMELICA 12		PER	PER		1	2	3		G13788		ZM80-0222	ZBA	ITL		2	2	3	
G12152	HUANUCO 197	LM76A/133	PER	PER		3	2	4		G13798		ZM80-0646	ZBA	ITL		2	2	1	
G12185A	AYACUCHO 92		PER	PER		1	1	4		G13802		ZM80-0723	ZBA	ITL		2	2	MM	4
G12186A	AYACUCHU 102		PER	PER	CR	2	2			G13804		ZM80-0741	ZBA	ITL		2	2	3	
G12405	BOLON BLANCO(LOJA)	CAT-0830-	ECO	ECO		2	2	4		G13807		ZM80-0762	ZBA	ITL	MR	1	2	3	
G12428	BLANCO TIPO NEP (BOLICHE)	CAT-0923-	ECO			1	2	3		G13809		ZM80-0857	ZBA	ITL		2	2	3	
G12495	BOLA 63 ?	CAT-1074	ECO			2	2	3		G13843		MW80-198	MWI	ITL		1	2	MM	4
G12613	PANAMITO GRANDE	COMP.010	PER	PER		1	1	4		G13948		ARG-8012	ARG	ARG		1	2	4	
G12725	L.33007-(MC4-M4-MC3)		CLB	CLB		1	2	4		G13966		VAV3731-4	ARG	ARG	DT	1	2	4	
G12737A	M7201C-17-4 EARLY SELECT.		MEX	USA		1	1			G13968		VAV3731-5	ARG	ARG	MR	2	2	3	
G13158	PILANSBERG		SAF	SAF		1	2	4		G13970		VAV3731-8	ARG	ARG	RJ	2	2	4	
G13159	TEEBUS		SAF	SAF		1	2	1		G14042	DENCES EN BISTRENSKI	FRC-0093	RMN	FRC		1	2	4	
G13182	TENASHI-OTEBU	COD-1101	JPN	JPN		1	1	1		G14069	RONDELLE	FRC-0836	NLD	FRC		2	1		
G13183	UNKNOWN (USA)	COD-1102	USA	JPN		1	2	3		G14070	SCHAFFER 385	FRC-0861	FRC	RS		2	1	1	
G13223	UNKNOWN-2	COD-1250	JPN	JPN		3	3	1		G14072	SPRING GREEN	FRC-0895	USA	FRC		2	2	1	
G13274	UNKNOWN	COD-1403	JPN	JPN	OT	1	3	1		G14073	TREGUIL	FRC-0944	FRC	FRC	NE	1	2	3	
G13282	KO-TEBO-RUIJI	COD-2105	JPN	JPN		1	2	1		G14100	UNKNOWN 2579	PI416596	USA			1	2	3	
G13284	PEA BEAN	COD-2109		JPN		1	1	3		G14101	UNKNOWN 2582	PI416599	USA			1	2	3	
G13285	OTEBU	COD-2111	CPR	JPN		1	2	2		G14102	UNKNOWN 2584	PI416600	USA			1	2	3	
G13286	KAIRYO-OTEBU	COD-2112	JPN	JPN		1	2	3		G14105	UNKNOWN 2585	PI416603	USA			1	2	3	
G13287	OTEBU(ABASHIRI)	COD-2113	JPN	JPN		1	2	3		G14106	UNKNOWN 2587	PI416604	USA			1	2	3	
G13288	OTEBU(KUNNEPPU)	COD-2114	JPN	JPN		1	2	3		G14108	UNKNOWN 2591	PI416608	USA			1	2	3	
G13289	MICHIGAN PEA BEAN	COD-2115	USA	JPN		1	1	3		G14109	UNKNOWN 2592	PI416609	USA			1	2	3	
G13290	OTEBU	COD-2116	JPN	JPN		1	2	3		G14110	UNKNOWN 2593	PI416610	USA			1	2	3	
G13291	OTEBU ZOKH-107	COD-2117	JPN	JPN		1	1	3		G14111	UNKNOWN 2594	PI416611	USA			1	2	3	
G13299	SMALL WHITE	COD-2134	CLB	JPN		1	1	3		G14135	IRAN REZAYEH 91	PI416648	IRN	USA		1	2	1	
G13300	LARGE WHITE	COD-2135		JPN		1	2	3		G14136	LEBANON IRAN MIN./131 312	PI416652	LRN	USA		1	2	3	
G13301	TAISYO-OTEBU	COD-2136	JPN	JPN		1	2	2		G14138	GREECE IRAN MIN/145 328	PI416657	GRC	USA		1	2	3	
G13302	TAISYO-OTEBU(WHITE POD)	COD-2137	JPN	JPN		1	1	3		G14144	UNKNOWN 514	PI416675	USA			1	2	3	
G13304	P.L.B.230	COD-2140	IND	JPN		1	1	3		G14145	UNKNOWN 519	PI416677	USA			1	2	4	

NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	M E	NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	M E
			I	O	S	S	L	Z				I	O	S	S	L	Z
			G.	C.		O	R.	T				G.	C.		O	R.	T
G14146	UNKNOWN 532	PI416678		USA		1	2	3	G14619	DUCOBEL	IVT-77574	NLD	NLD		1	2	1
G14148	CYPRUS/VAR MORPHIAICA 592	PI416680	CPS	USA		3	2	3	G14620	DU PETIT POTAGER	IVT-77576	FRC	NLD		1	3	1
G14150	LEBANON 646	PI416684	LBN	USA		1	2	4	G14621	EARLY GALLATIN	IVT-77578	USA	NLD		2	3	1
G14159	TURKEY 1196	PI416702	TKY	USA		1	2	3	G14622	ENCORE	IVT-77595	USA	NLD		2	3	1
G14168	TURKEY/581/2 2440	PI416720	TKY	USA		2	2	3	G14625	KOERIER	IVT-77667	NLD	NLD		2	3	1
G14282	307			MWI	CF	1	2	4	G14627	MOLIMA	IVT-77700	GMN	NLD		2	3	1
G14410		C.L.0588A	SPN	UTK		1	3	3	G14630	ORELLA	IVT-77720	GDR	NLD		1	3	1
G14415		C.L.0636	SPN	UTK		1	3	4	G14631	PRERESCO	IVT-77745	NLD	NLD		2	2	1
G14471	ALLERERSTE WEIBE TREIB	PHA1056/7		GDR		2	3	1	G14632	REFLEX	IVT-77755	DMK	NLD		1	3	1
G14501	LEMPOE	PI289338	HGY	USA		2	3	3	G14633	ROUNDUP	IVT-77769	USA	NLD		2	3	1
G14516	B.VERDURA DE SN JERONIMO	HDR-2502	HDR	HDR		1	2	3	G14636	TREASURE	IVT-77821	NLD	NLD		2	3	1
G14544	ADINDA	IVT-74118	NLD	NLD		2	3	1	G14637	TROVATO	IVT-77824	NLD	NLD		2	2	1
G14545	AFRA	IVT-73195	GDR	NLD		2	2	1	G14639	WALCHERSE WITTE	IVT-77854	NLD	NLD		1	3	4
G14547	ASTAR	IVT-73108	FRC	NLD		2	2	1	G14647	68-779	AC-348	ATL	ATL		2	3	1
G14549	BOUTADE	IVT-73186	NLD	NLD		2	3	1	G14674	ALUBIA GRANDE	X-77-013	BLV	BLV		2	2	4
G14551	EAGLE	IVT-73201	USA	NLD		2	3	1	G14677	ESPAÑA 5	COL.I-136	SPN	PER		2	3	3
G14553	GALA	IVT-73119	FRC	NLD		2	3	1	G14680	BLANQUILLO		CLB	CLB		1	2	3
G14558	KINGCROSS WACHS	IVT-72167	NLD	NLD		2	2	1	G14689	WHITE COCO	C.L.0037	SPN	SPN		1	2	3
G14559	LADUCO	IVT-75250	NLD	NLD		2	2	1	G14692	SAPOSTELA DWARF	C.L.0083	PTC	PTC		2	3	3
G14561	MINIBEL	IVT-77155	NLD	NLD		2	3	1	G14700	SELECCION DE MEZCLA XI	C.L.0144K	PTC	PTC		2	2	3
G14562	OLWADE	IVT-72281	NLD	NLD		2	3	1	G14703	CACHAMUNDINHO VII	C.L.0145G	PTC	PTC		2	3	3
G14563	ROLANDO	IVT-75182	NLD	NLD		1	3	1	G14711	VAQUITA 10,ROQUE,GTO.		MEX	MEX	RS	1	1	3
G14564	SABRESCO	IVT-74185	NLD	NLD		2	3	1	G14727	STAR		USA	USA		2	2	3
G14565	SLIMBEL	IVT-77212	NLD	NLD		2	3	1	G14734	ALLE FRUHESTE WUSSE	FRC-0026	GDR	FRC		1	1	1
G14566	SAXANOVA	IVT-73164	GDR	NLD		2	3	1	G14735	AMATHYST	FRC-0033		FRC		2	3	1
G14567	SIMATO	IVT-74198	NLD	NLD		2	3	1	G14738	A.R.22	FRC-0041		FRC		1	2	3
G14568	TENDERETTE	IVT-73266	USA	NLD		2	3	1	G14748	BOLITAS	FRC-0109		FRC		1	2	4
G14569	VALGREEN	IVT-73299	USA	NLD		2	3	1	G14750	BBL 274	FRC-0144	USA	FRC		2	2	1
G14575	GO	PHA0891/7		GDR		2	3	4	G14752	CEALI	FRC-0170	RMN	FRC		1	2	3
G14577	GOLDKRONE	PHA0344/7		GDR		2	3	4	G14757	COBLA = COBLAN	FRC-0193		FRC		1	2	1
G14581	RHEINLAND	PHA0263/7		GDR		1	2	4	G14771	COCO TOULONNAIS NAIN	FRC-0229	FRC	FRC		1	3	1
G14583	WEIBE FELDBOHNE	PHA0573/7		GDR		1	2	1	G14774	COLINA	FRC-0237	NLD	FRC		2	2	1
G14588	DELIKATA	PHA1095/7		GDR		2	3	1	G14776	COMBRIO	FRC-0292	NLD	FRC		2	2	1
G14598	GUATEMALA 252	GTA-252	GTA	GTA		2	2	4	G14779	EXPO RUSSE	FRC-0394	SSU	FRC		1	2	4
G14601	GUATEMALA 616	GTA-616	GTA	GTA		2	2	4	G14781	GALLATIN 50	FRC-0466	USA	FRC		2	3	1
G14602	GUATEMALA 625	GTA-625	GTA	GTA		2	2	4	G14784	G. N. U. I. 1130	FRC-0490	USA	FRC		1	2	3
G14607	GUATEMALA 768	GTA-768	GTA	GTA		1	3	4	G14785	G. N. D'AMERIQUE	FRC-0491	USA	FRC		1	1	3
G14612	OREGON 58 R			USA	USA		2	3	G14786	LE GRIGNORAI	FRC-0513	FRC	FRC	CF	2	3	1
G14613	BRAVO	IVT-77536	GMN	NLD	RS	3	3	1	G14790	HYSORE	FRC-0533		FRC	CF	1	2	1
G14614	BUSH BLUE LAKE 274	IVT-77539	USA	NLD		2	2	1	G14791	INEPUISABLE	FRC-0545		FRC		1	3	3



NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B M H I S S I O N S I L I Z A D O R.	NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B M H I S S I O N S I L I Z A D O R.		
G14800	C I	FRC-0587	LRN	FRC	2 2	1	G15319	ZM80-0510	ZBA	ITL	2 2	3	
G14802	B 15	FRC-0590	LRN	FRC	2 2	1	G15320	ZM80-0554	ZBA	ITL	1 2	3	
G14809	MERITA	FRC-0629		FRC	2 2	1	G15323	ZM80-0572	ZBA	ITL	2 3	3	
G14812	METIS TIGRE ROUGE ET BLANC	FRC-0639	FRC	FRC	MR 3 3	1	G15325	ZM80-0578	ZBA	ITL	2 2	MM 4	
G14819	MULTIMA	FRC-0669	GMN	FRC	2 2	1	G15335	ZM80-0705	ZBA	ITL	1 2	3	
G14821	NOIR A ECOSSE D. CHEVILLY	FRC-0696	FRC	FRC	MR 1 2	1	G15336	ZM80-0712	ZBA	ITL	2 2	MM 3	
G14830	SNOUBRICK	FRC-0897	LRN	FRC	2 1	1	G15337A	ZM80-0724	ZBA	ITL	2 1	1	
G14831	SUPERMETIS	FRC-0907	FRC	FRC	MR 2 2	1	G15340	ZM80-0746	ZBA	ITL	1 2	4	
G14833	TENDERETTE	FRC-0929		FRC	2 2	1	G15345	ZM80-0888	ZBA	ITL	2 2	3	
G14834	TENDERWHITE	FRC-0932	USA	FRC	2 2	1	G15347	ZM80-0893	ZBA	ITL	2 2	MM 1	
G14835	USTREM MARITZA	FRC-0961	BGA	FRC	2 3		G15351	ZM80-0990	ZBA	ITL	2 2		
G14836	WAX 819	FRC-0997	USA	FRC	2 2	1	G15352	ZM80-0992	ZBA	ITL	2 2		
G14838	YELLOW GENEST	FRC-1005		FRC	OT 1 2	1	G15353	MW80-006A	MWI	ITL	2 3		
G14839	MY		FRC	FRC	1 3	1	G15355	MW80-007	MWI	ITL	2 2	MM	
G14840	IRAN ESFAHAN 19	PI416000	IRN	USA	1 2	3	G15355A	MW80-007	MWI	ITL	2 2		
G14841	IRAN GOODARJ 20	PI416001	IRN	USA	1 2	3	G15359	MW80-023	MWI	ITL	2 2	MM	
G14842	IRAN GHUCHAN 21	PI416002	IRN	USA	1 2	3	G15360	MW80-024	MWI	ITL	1 2		
G14844	IRAN KARAJ NO.10 50	PI416010	IRN	USA	1 2	4	G15361	MW80-025	MWI	ITL	1 2		
G14845	IRAN MINISTRY NO.1365 51	PI416011	IRN	USA	1 2	3	G15365	MW80-042	MWI	ITL	1 2		
G14962	JALISCO 42-3	MEX-268	MEX	CLB	1 1	4	G153730	MW80-174	MWI	ITL	1 2		
G15004		FAO-54.42	CMR	ITL	1 2	3	G15383	MW80-311	MWI	ITL	1 2		
G15091A		FAO-54.51	CMR	ITL	2 2	1	G15386	MW80-326	MWI	ITL	1 2		
G15112		FAO-54.54	CMR	ITL	2 2	1	G15389	MW80-354	MWI	ITL	1 2		
G15168		FAO-54.60	CMR	ITL	1 2	MM 1	G15395	MW80-580	MWI	ITL	1 2		
G15228	BURNLEY 71/611	AC 360	ATL	UTK	3 3	1	G15401	MW80-626	MWI	ITL	1 2		
G15230	MALLORQUINA	C.L.0417	SPN	UTK	1 3	4	G15403	MW80-703	MWI	ITL	2 2		
G15234		C.L.0423	SPN	UTK	1 3	3	G15429	GREENPOD-467	USA	USA	2 3	1	
G15236		C.L.0429	SPN	UTK	2 2	3	G15431	BARONESSA	IVT-73192	GFR	NLD	2 3	1
G15248	JAYENA	C.L.0453	SPN	UTK	2 3	1	G15433	WACHS GOLDBERLE	IVT-73194	GFR	NLD	2 3	1
G15249	KURA	C.L.0455	SPN	UTK	2 3	1	G15434	ALGD	IVT-73188	GDR	NLD	1 3	1
G15256	KORA	C.L.0487	SPN	UTK	2 2	1	G15447	BISF	FRC-0099	FRC	FRC	2 2	1
G15257	TENDERETTE	C.L.0488	SPN	UTK	2 3	1	G15450	CHELINER	FRC-0174	FRC	FRC	2 3	1
G15261		C.L.0502	SPN	UTK	2 1	1	G15451	CLASSIC	FRC-0190		FRC	2 2	1
G15269		C.L.0553	SPN	UTK	2 2	3	G15454	DDRANEL	FRC-0354		FRC	1 2	1
G15273		C.L.0591	SPN	UTK	1 2	4	G15456	DUPRO	FRC-0360	NLD	FRC	2 2	1
G15282		C.L.07888	SPN	UTK	1 2	4	G15457	ELARN	FRC-0373		FRC	2 2	1
G15301		ZM80-0113	ZBA	ITL	2 2	1	G15460	FUGATA	FRC-0462		FRC	1 2	1
G15303		ZM80-0131	ZBA	ITL	1 2	3	G15462	LIBAN B. 5	FRC-0586	LRN	FRC	1 2	1
G15313		ZM80-0458	ZBA	ITL	2 2	MM 4	G15471	PROBATOR	FRC-0790		FRC	2 2	1
G15316		ZM80-0492	ZBA	ITL	1 2	4	G15485	IRAN ESFAHAN 653	PI416284	IRN	USA	1 2	3

NO.	IDENTIFICACION	REGLOCAL	O	P	B	M	H	NO.	IDENTIFICACION	REGLOCAL	O	P	B	M	H			
CIAT			R	R	C	F	L	E	A		R	R	C	F	L	E	A	
			I	O	S	S	L	Z	B		I	O	S	S	L	Z	B	
			G.	C.							G.	C.						
G15514	176PV., N.E.PV.20	V-5283	AFG	UTK	1	2	3	G15886	TR 37981	V-5536	TKY	UTK	1	2	3			
G15524	258PV., N.E.PV.32	V-5295	AFG	UTK	1	2	3	G15887	TR 38014	V-5538	TKY	UTK	1	2	3			
G15525	260PV., N.E.PV.33	V-5296	AFG	UTK	1	2	3	G15888	TR 38021	V-5539	TKY	UTK	2	2	4			
G15560	660PV., N.E.PV.69	V-5332	AFG	UTK	1	2	3	G15892	TR 38067	V-5545	TKY	UTK	2	2	MM	1		
G15569	TR 32767	V-5365	TKY	UTK	1	2		G15892A	TR 38067	V-5545	TKY	UTK	2	2		2		
G15582	TR 33059	V-5386	TKY	UTK	1	2	3	G15894	TR 38146	V-5551	TKY	UTK	2	2		1		
G15586	TR 33074	V-5391	TKY	UTK	2	2	4	G15898	TR 38399	V-5561	TKY	UTK	2	2		1		
G15587	TR 33076	V-5392	TKY	UTK	1	2	4	G15901	TR 38453	V-5566	TKY	UTK	2	2		1		
G15589	TR 33085	V-5394	TKY	UTK	2	2	3	G15902	TR 38458	V-5567	TKY	UTK	2	2		1		
G15593	TR 33113	V-5398	TKY	UTK	2	2	1	G15907	TR 38149	V-5576	TKY	UTK	2	2		1		
G15595	TR 33189	V-5402	TKY	UTK	1	2	4	G15908		PG-10M	CLB	CLB	1	2				
G15597	TR 33198	V-5404	TKY	UTK	2	2	4	G15909	MULLEBOON (VAALS)	1.50	NLD	NLD	2	3		1		
G15605	TR 33331	V-5414	TKY	UTK	2	2	2	G15910	STOKBOON (VAALS)	1.51	NLD	NLD	2	2		1		
G15606	TR 33332	V-5415	TKY	UTK	2	2	2	G15915	WITTE BOON (VENRAY)	1.57	NLD	NLD	2	2		1		
G15608	TR 33334	V-5417	TKY	UTK	2	2		G15922	SOEP SNIJBOON (VENRAY)	1.67	NLD	NLD	2	3		1		
G15615	TR 33493	V-5433	TKY	UTK	1	2		G15924	PRINCESSE BOON (VENRAY)	1.70	NLD	NLD	2	3		1		
G15618	TR 33538	V-5436	TKY	UTK	1	2		G15926	SOEPBOON (VENRAY)	1.72	NLD	NLD	2	2		4		
G15624	TR 33581	V-5444	TKY	UTK	2	2	1	G15961	METIS VERDE D ABHEDANZA	IVT-78134	HGY	NLD	OT	2	3		1	
G15627	TR 35031	V-5452	TKY	UTK	1	2	3	G15967	STAMBOON	IVT-79207	NLD	NLD		2	2		1	
G15745	E78778-10-5-4		ECO	USA	1	1	3	G15969	TETENYI CUKOR	IVT-78134	HGY	NLD		1	2		3	
G15750	E79038-4		ECO	USA	1	3	3	G15970	TETENYI KOSEP	IVT-78134	HGY	NLD		1	2		3	
G15763	E79550-2		ECO	USA	1	2	3	G15973	WB 6-S	IVT-78133	USA	NLD		2	2		1	
G15765	E7973-10-9-BULK		ECO	USA	1	1	3	G16068	BLANCO	MA&LC-508	MEX	MEX		1	2		3	
G15777	GARBANCILLO C	C.L.0428	SPN	UTK	MR	1	3	G16104A		BUV-150	PER	PER		2	2			
G15802A		ZM80-0744	ZBA	ITL		1	1	G16109		BUV-155	PER	PER		1	2	MM		
G15807	CACHAMUNDINHO POLE MIXED	C.L.0146	PTC	PTC		3	3	MM	3	G16111		PER	PER	MR	1	2		
G15815	MALLORQUINA	C.L.0420	SPN	UTK		2	2		3	G16146	VATNITA BLANCA	PER	PER		2	2	3	
G15816	PARRONA LARGA	C.L.0465	SPN	UTK		2	2			G16151	KORAI VAJ	HGY	HGY		2	2		
G15817		C.L.0514	SPN	UTK		2	2			G16162B	IZSAK	II-10-218	HGY	HGY		1	2	
G15825		CAT-0835-		ECO		1	3			G16175	CEGLEDI TF 2200	HGY-0799	HGY	HGY		2	2	1
G15848	98PV., N.E.PV.15	V-5278	AFG	UTK	1	2	3	G16186	DUNASZIGETI TF 2211	HGY-0813	HGY	HGY	RJ	2	2		1	
G15850	TR 33115	V-5399	TKY	UTK	2	2	1	G16191	HEDERVAR	II-10-221	HGY	HGY	RJ	2	2		1	
G15859	TR 36953	V-5476	TKY	UTK	2	2	3	G16193	DUNAKILITI TF 2218	HGY-0816	HGY	HGY		1	2		3	
G15863	TR 37113	V-5490	TKY	UTK	2	2	1	G16243	SZOGLIGET	II-10-239	HGY	HGY		2	3		3	
G15869	TR 37245	V-5505	TKY	UTK	2	2	3	G16284		PI310657	GTA	USA		1	3		3	
G15870	TR 37322	V-5506	TKY	UTK	2	2		G16308	BLANCO GORDO	PI311793	ELS	USA		1	3		3	
G15871	TR 37334	V-5508	TKY	UTK	2	2		G16315	BLANCO DEL MILPA	PI311863	GTA	USA		1	3		4	
G15872	TR 37375	V-5509	TKY	UTK	1	2	3	G16317	BLANCO DE MATA	PI311986	MEX	USA		1	2			
G15875	TR 37570	V-5513	TKY	UTK	1	2	4	G16364	NORTENO	PI319560	MEX	USA		1	2		3	
G15880	TR 37741	V-5525	TKY	UTK	2	2	1	G16375	ALUVIA	PI319584	MEX	USA		1	1		3	

NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B I D C.	M S S C.	H L I Z B I T
NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B I D C.	M S S C.	H L I Z B I T
G16393	ARGUS	PI324243	SWD	USA	1	2	
G16423	CANADA RED MEXICAN 37 70	PI416018	CDA	USA	1	2	3
G16424	IRAN MIN.NO.103 FARS 98	PI416022	IRN	USA	1	2	3
G16425	IRAN MIN.NO.121 EGYPT 99	PI416023	IRN	USA	2	3	1
G16426	IRAN MIN.NO.158 SARAB 104	PI416027	IRN	USA	1	2	3
G16427	IRAN ESFAHAN NO.110 VARAMI	PI416032	IRN	USA	1	2	3
G16428	IRAN VARAMIN NO.375 VARAMI	PI416033	IRN	USA	1	2	3
G16429	IRAN VARAMIN NO.376 VARAMI	PI416036	IRN	USA	1	2	3
G16430	IRAN UNKNOWN NO.120 VARAMI	PI416038	IRN	USA	1	2	3
G16431	EGYPT IRAN MIN. NO.121 VAR	PI416039	EGT	USA	2	2	1
G16433	IRAN AMOL MIN.247 VARAMIN	PI416042	IRN	USA	1	2	3
G16434	IRAN MINISTRY MIN.247 VARA	PI416043	IRN	USA	1	2	3
G16436	IRAN VARAMIN MIN.380 VARAM	PI416046	IRN	USA	1	2	3
G16438	IRAN VARAMIN MIN.381 VARAM	PI416048	IRN	USA	1	2	3
G16439	IRAN TEHERAN BAZAR 343	PI416049	IRN	USA MR	1	3	3
G16441	IRAN BOJNOURD 349	PI416052	IRN	USA	1	2	3
G16442	IRAN RASHT 364	PI416060	IRN	USA	1	2	3
G16443	IRAN RASHT 369	PI416063	IRN	USA	1	2	3
G16444	IRAN SAGHYKELAYEH 370	PI416064	IRN	USA	1	2	3
G16448	IRAN BOJNOURD 387	PI416071	IRN	USA	1	2	3
G16449	IRAN MASHAD 393	PI416076	IRN	USA	1	2	3
G16451	IRAN MEYAMEY (MIAMAY) 398	PI416081	IRN	USA	1	2	3
G16459	IRAN ESFAHAN 412	PI416092	IRN	USA	1	2	3
G16460	IRAN ESFAHAN 413	PI416093	IRN	USA	1	2	3
G16461	IRAN ESFAHAN 414	PI416094	IRN	USA	1	2	3
G16462	IRAN FARS 415	PI416095	IRN	USA	1	2	3
G16463	IRAN FARS 416	PI416096	IRN	USA	1	2	3
G16464	IRAN FARS 417	PI416097	IRN	USA	1	2	3
G16465	IRAN SARAB 418	PI416098	IRN	USA	1	2	3
G16466	IRAN SARAB 419	PI416099	IRN	USA	1	2	3
G16467	IRAN ESFAHAN 420	PI416100	IRN	USA	1	2	3
G16468	IRAN ESFAHAN 421	PI416101	IRN	USA	1	2	3
G16470	IRAN UNKNOWN 425B	PI416106	IRN	USA	1	2	3
G16472	IRAN UNKNOWN 428	PI416109	IRN	USA	1	2	4
G16506	IRAN ESFAHAN 485	PI416156	IRN	USA	1	2	3
G16507	IRAN GHOUCHAN 486	PI416157	IRN	USA	1	2	3
G16509	IRAN UNKNOWN 488	PI416159	IRN	USA	1	2	3
G16510	LEBANON 489	PI416160	LBN	USA	1	2	
G16511	IRAN UNKNOWN 490	PI416161	IRN	USA	1	2	3
G16512	IRAN ESFAHAN 491	PI416162	IRN	USA	1	2	3
G16514	UNKNOWN 495	PI416164	USA		1	2	3
G16515	IRAN ESFAHAN 496	PI416165	IRN	USA	1	2	3
G16516	IRAN GHOUCHAN 497	PI416166	IRN	USA	1	2	3
G16517	UNKNOWN 498	PI416167	USA		1	2	3
G16518	IRAN ESFAHAN 499	PI416168	IRN	USA	1	2	3
G16520	IRAN ESFAHAN 502	PI416171	IRN	USA	1	2	3
G16521	IRAN GHOUCHAN 504	PI416173	IRN	USA	1	2	4
G16523	IRAN ESFAHAN 509	PI416177	IRN	USA	1	2	
G16524	UNKNOWN 512	PI416178	USA		1	2	3
G16525	UNKNOWN 513	PI416179	USA		1	2	3
G16526	IRAN CHALET KEU DAREHG 516	PI416180	IRN	USA	1	2	3
G16527	IRAN ESFAHAN 520	PI416182	IRN	USA	1	2	4
G16528	IRAN ESFAHAN 521	PI416183	IRN	USA	1	2	3
G16529	IRAN ESFAHAN 522	PI416184	IRN	USA	1	2	3
G16531	IRAN GHOUCHAN 527	PI416188	IRN	USA	1	2	3
G16532	IRAN GHOUCHAN 528	PI416189	IRN	USA	1	2	3
G16533	IRAN ESFAHAN 529	PI416190	IRN	USA	1	2	3
G16568	IRAN KARAJ 620	PI416255	IRN	USA	1	2	3
G16569	IRAN KARAJ 621	PI416256	IRN	USA	1	2	3
G16570	IRAN KARAJ 623	PI416257	IRN	USA	1	2	3
G16571	IRAN KARAJ 624	PI416258	IRN	USA	1	2	3
G16572	IRAN KARAJ 626	PI416260	IRN	USA	1	2	3
G16573	IRAN KARAJ 627	PI416261	IRN	USA	1	2	3
G16574	IRAN KARAJ 628	PI416262	IRN	USA	1	2	3
G16576	IRAN KERMANSHAH 632	PI416265	IRN	USA	1	2	3
G16577	IRAN KERMANSHAH 633	PI416266	IRN	USA	1	2	3
G16578	IRAN KERMANSHAH 634	PI416267	IRN	USA	1	2	3
G16580	IRAN SHIRAZ 637	PI416270	IRN	USA	1	2	3
G16581	IRAN SHIRAZ 640	PI416272	IRN	USA	1	2	3
G16582	IRAN SHIRAZ 641	PI416273	IRN	USA	1	2	3
G16583	IRAN SHIRAZ 642	PI416274	IRN	USA	1	2	3
G16584	IRAN SHIRAZ 643	PI416275	IRN	USA	1	2	3
G16585	IRAN SHIRAZ 644	PI416276	IRN	USA	1	2	3
G16586	LEBANON 645	PI416277	LBN	USA	1	2	3
G16587	LEBANON 647	PI416278	LBN	USA	1	2	3
G16589	IRAN UNKNOWN 650	PI416281	IRN	USA	1	2	3
G16590	IRAN ESFAHAN 651	PI416282	IRN	USA	1	2	3
G16591	IRAN ESFAHAN 652	PI416283	IRN	USA	1	2	3
G16592	IRAN ESFAHAN 655	PI416286	IRN	USA	1	2	4
G16593	IRAN DASHT SAR AMOL 657	PI416288	IRN	USA	1	2	3



NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B I L I T	M E S E S O R. T	H A B I T	NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B I L I T	M E S E S O R. T	H A B I T
G00120	RONG	PI163118	IND	USA	1	2	3	G00436	BODUR	PI173048	TKY	USA	1	3	4
G00124		PI163372	PER	USA	1	2	2	G00444		PI173765	TKY	USA	1	3	4
G00127		PI163557	GTA	USA	1	3	4	G00466	KRONS	PI174898	IND	USA	1	2	3
G00135		PI164094	SWL	USA	2	2	1	G00494	FRASBIN	PI175278	IND	USA	1	2	4
G00173	DUBBELS WITTE	PI165616	NLD	USA	2	2	1	G00497		PI175814	TKY	USA	1	2	3
G00175	CONSERVE	PI165620	NLD	USA	2	2	1	G00505		PI175823	TKY	USA	1	2	4
G00205	SIRIKSIZ	PI167372	TKY	USA	1	2	3	G00506		PI175827	TKY	USA	1	1	1
G00231		PI169760	TKY	USA	1	2	3	G00514		PI175839	TKY	USA	1	3	3
G00238		PI169773	TKY	USA	1	2	2M 3	G00516		PI175841	TKY	USA	1	3	3
G00242		PI169782	TKY	USA	1	2	3	G00519		PI175844	TKY	USA	1	2	4
G00255	CALI(CHALI)	PI169797	TKY	USA	1	2	4	G00521		PI175846	TKY	USA	1	2	3
G00270		PI169816	TKY	USA	1	2	3	G00522		PI175847	TKY	USA	1	2	4
G00274		PI169821	TKY	USA	1	2	3	G00523	BAHCE	PI175848	TKY	USA	2	3	4
G00275		PI165427	MEX	USA	1	2	4	G00525		PI175851	TKY	USA	1	3	4
G00282	BLANCA DELGADO	PI165441	MEX	USA	1	2	4	G00528		PI175854	TKY	USA	1	2	3
G00283	ALUVIA	PI165442	MEX	USA	1	2	4	G00531		PI175864	TKY	USA	1	3	4
G00289		PI169827	TKY	USA	1	2	3	G00536	UFAK	PI175870	TKY	USA	1	3	3
G00292		PI169830	TKY	USA	1	3	4	G00561	AYSEKADIN	PI176704	TKY	USA	2	3	4
G00293		PI169831	TKY	USA	1	3	4	G00563		PI176706	TKY	USA	1	2	3
G00295		PI169833	TKY	USA	1	3	4	G00570		PI176714	TKY	USA	1	2	3
G00298		PI169837	TKY	USA	1	3	3	G00573	CALI(CHALI)	PI177031	TKY	USA	1	3	4
G00309	AYSEKADIN	PI169854	TKY	USA	1	2	4	G00574	TOMBUL	PI177032	TKY	USA	1	2	4
G00315		PI169877	TKY	USA	1	2	4	G00576		PI177036	TKY	USA	1	2	3
G00318		PI169881	TKY	USA	1	2	4	G00590	HARLAN NO.4432	PI177502	TKY	USA	1	1	
G00325		PI169893	TKY	USA	1	2	4	G00594		PI177514	TKY	USA	1	1	3
G00340	CALI(CHALI)	PI169916	TKY	USA	1	2	3	G00601		PI178999	TKY	USA	1	3	4
G00343		PI169921	TKY	USA	2	1	4	G00609		PI179401	TKY	USA	1	2	4
G00354	SELANIK	PI171755	TKY	USA	1	2	3	G00612		PI179407	TKY	USA	1	2	4
G00357		PI171759	TKY	USA	1	1	4	G00616		PI179413	TKY	USA	1	1	1
G00358		PI171760	TKY	USA	1	2	4	G00618		PI179416	TKY	USA	1	2	1
G00359	BOBREK	PI171761	TKY	USA	1	2	4	G00619		PI179417	TKY	USA	1	2	4
G00366		PI171768	TKY	USA	1	2	4	G00620		PI179418	TKY	USA	1	2	1
G00377		PI171787	TKY	USA	1	3	3	G00631		PI179432	TKY	USA	1	2	4
G00378	GUZLUK	PI171788	TKY	USA	1	3	3	G00632		PI179433	TKY	USA	1	2	3
G00386	KUZALI	PI171800	TKY	USA	1	2	3	G00633		PI179434	TKY	USA	1	2	4
G00389	GUZ	PI171803	TKY	USA	1	3	3	G00641		PI179442	TKY	USA	1	2	3
G00400	MICHIGAN ROBUST	PI172022	SAF	USA	1	2	3	G00647	RONG	PI179965	IND	USA	1	2	4
G00412	PERRY MARROW	PI172036	SAF	USA	1	2	3	G00649	BALI	PI180319	IND	USA	1	2	4
G00415	SARUNYA	PI173019	TKY	USA	1	2	4	G00666	HALABIYE	PI181783	SAR	USA	1	1	4
G00421	BEHRIMAZ	PI173028	TKY	USA	1	2	3	G00701		PI183265	ARA	USA	1	2	3

NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	H E	A	NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	H E	A
			I	O	S	S	L	Z	B				I	O	S	S	L	Z	B
			G.	C.		O	R.	T					G.	C.		O	R.	T	
G00704		PI183465	IND	USA		1	2		4	G01056		PI278681	USA	USA		1	2		4
G00714		PI184783	GAM	USA		1	2		4	G01082	BLANCO REDONDO	PI282029	CLE	USA		1	2		4
G00729		PI186506	CMF	USA		1	1		2	G01090	CABALLEROS	PI282056	CLE	USA		1	2		4
G00736		PI189227	CNG	USA		2	1		4	G01091	ARROZ	PI282058	CLE	USA		1	2		4
G00744	DUPRI	PI189566	NLO	USA		1	2		4	G01118	RAKOWICZKA	PI289344	HGY	USA		1	2		4
G00755		PI193568	ETP	USA		1	2		3	G01120	ISLERIA	PI289346	HGY	USA		2	1		3
G00756		PI193569	ETP	USA		1	2		2	G01123	GOLOSCHNE	PI289349	HGY	USA		1	2		4
G00760		PI193574	ETP	USA		1	2		2	G01125	JULI BRECH	PI289352	HGY	USA		1	1		4
G00761		PI193575	ETP	USA		1	1		3	G01127	ZUCKER PERL PRINZESS	PI289354	HGY	USA		1	2		4
G00763		PI193825	ETP	USA		1	2		3	G01128	BANAT ELITA	PI289356	HGY	USA		1	2		4
G00769		PI194005	ETP	USA		1	2		3	G01131	GOLDREGEN	PI289360	HGY	USA		1	2		4
G00771		PI194316	ETP	USA		1	2		3	G01132	TRIGUILLO	PI289361	HGY	USA		1	2		4
G00773		PI194321	ETP	USA		1	2		3	G01133	BANAFEANA	PI289363	HGY	USA		1	2		4
G00799		PI195403	GTA	USA		1	1		4	G01135	ZLATA KORUNA	PI289365	HGY	USA		1	2		3
G00808		PI197444	ETP	USA		1	2		4	G01149	MICHELITE	PI289466	HGY	USA		1	2		4
G00820		PI198029	PER	USA		2	3		3	G01150	WACHS IDEAL	PI289473	HGY	USA		1	2		4
G00821	PANAMITO	PI198039	PER	USA		1	3		3	G01173		PI193828	ETP	USA		1	2		3
G00827		PI200960	ELS	USA		3	3		4	G01174		PI194317	ETP	USA		1	2		4
G00857		PI201380	MEX	USA		1	2		3	G01175		PI194320	ETP	USA		1	2		4
G00861		PI201490	MEX	USA		1	2		3	G01188		PI195360	GTA	USA		1	2		3
G00871		PI203915	MEX	USA		1	3		3	G01191		PI195366	GTA	USA		1	2		3
G00888		PI204718	TKY	USA		1	2		3	G01199		PI195394	GTA	USA		1	2		4
G00894		PI205203	TKY	USA		1	2		3	G01200		PI195395	GTA	USA		1	2		4
G00900	ORLESENIA DE/47	PI206002	SWL	USA	OT	1	1	MM	3	G01204		PI195402	GTA	USA		1	2		3
G00901		PI206973	TKY	USA		1	2		4	G01208		PI195800	GTA	USA		1	2		3
G00902		PI206974	TKY	USA		1	2		3	G01221	ALUVIA CHICA	PI196929	MEX	USA		1	2		3
G00904		PI206976	TKY	USA		1	2		4	G01234		PI198030	ECD	USA		1	2		4
G00924	780 KENTUCKY	PI207288	CLB	USA		1	2		3	G01235		PI198033	ECD	USA		1	2		3
G00927	543 CALIFORNIA SMALL	PI207211	CLB	USA		1	2		4	G01267		PI201496	MEX	USA		2	2		3
G00945	PANAMITO	PI207553	CLB	USA		1	2		4	G01284	HABILLA DE PUERTO RICO	PI206044	PRG	USA		1	3		2
G00950	PANAMITO	PI209258	PER	USA		1	3		4	G01350		PI209052	PRI	USA		1	2		1
G00960		PI209503	CRA	USA		1	2		4	G01351	BONITA	PI209053	PRI	USA		1	2		2
G00975		PI221696	IDS	USA		1	2		3	G01381		PI212913	IND	USA		1	2		3
G01003	LUBIA	PI227379	IRN	USA		1	2		3	G01386	PROTA DE HUANUCO	PI215717	PER	USA		1	2		2
G01016	DUNKLE HALF RUNNER	PI236467	USA	USA		1	2		3	G01387	PUERTO RICO	PI215718	PER	USA		1	2		2
G01019		PI246563	CNG	USA		2	1		4	G01405		PI226559	ETP	USA		1	2		3
G01020		PI247699	CNG	USA		1	2		4	G01406		PI226560	ETP	USA		1	2		4
G01034	BURNBUST	PI257441	SAF	USA		1	2		3	G01432	KONSERVA	PI226935	GFR	USA		2	2		1
G01037	JULI SEL. WADENS#IL	PI262165	SWL	USA		2	2		4	G01433	WACHS IDEAL	PI226937	GFR	USA		2	2		1
G01052		PI273673	ETP	USA		1	2		4	G01454		PI262977	NLD	USA		1	2		1

NO. CIAT	IDENTIFICACION	REGLOCAL	D R	P R	C C	B F	M L	H E	NO. CIAT	IDENTIFICACION	REGLOCAL	D R	P R	C C	B F	M L	H E
			I	O	S	S	L	Z				I	O	S	S	L	Z
			G.	C.								G.	C.				
G01491		PI276682	USA	USA		1	2	3	G02007		PI310741	GTA	USA		1	3	4
G01495		PI276685	USA	USA		1	2	3	G02012		PI310749	GTA	USA		1	2	3
G01501	OTENASHI OR WHITE NAVY BEA	PI281556	JPN	USA		1	2	3	G02022		PI310761	GTA	USA		1	2	1
G01514	CONTESSA DO CHAMBORO	PI282013	CLE	USA		1	2	2	G02023		PI310763	GTA	USA		1	2	3
G01522	ZACATECAS	PI282050	CLE	USA		1	2	3	G02034		PI310784	GTA	USA		1	1	4
G01531	MIL POR UNO	PI282080	CLE	USA		1	1	3	G02178	BIANCO	PI311802	GTA	USA		1	2	3
G01534		PI282095	CLE	USA		1	2	3	G02198	BLANCO DEL SUELO	PI311810	GTA	USA		1	2	3
G01541	BIALA WYBOROWA	PI285693	PLD	USA		2	2	1	G02217	BLANCO	PI311832	GTA	USA		1	2	3
G01542	ITOTA SAXA	PI285695	PLD	USA		2	2	3	G02221	BLANCO DEL SUELO	PI311838	GTA	USA		1	2	3
G01543	PERLOWKA	PI285697	PLD	USA		1	2	2	G02232	BLANCO DEL SUELO	PI311874	GTA	USA		1	2	3
G01548	WIOUSA	PI287537	NLD	USA		1	2	4	G02245	BLANCO	PI311890	GTA	USA		1	1	4
G01556		PI288605	IND	USA		1	2	3	G02247	BLANCO	PI311892	GTA	USA		1	2	3
G01557	FASOLE DE JALOMITA	PI289362	HGY	USA		1	2	3	G02286	BLANCO	PI311935	MEX	USA		1	2	4
G01574	FIN DE BAGNOLET	PI289393	HGY	USA		1	2	1	G02307	ALUBIA MIXTECA	PI311964	MEX	USA		1	2	3
G01575	NEUE METIS	PI289394	HGY	USA		2	2	1	G02319	ALUVIA	PI311979	MEX	USA		1	3	4
G01577	ZUKER PERL FEINE WEISSE	PI289397	HGY	USA		1	2	3	G02347	LLUVIA	PI312022	MEX	USA		1	2	3
G01580	CHRIST	PI289400	HGY	USA		1	2	3	G02349	BLANCO	PI312026	MEX	USA		1	3	3
G01581	BIALA WYBOROWA	PI289401	HGY	USA		2	1	1	G02357	BLANCO DELGADO	PI312038	MEX	USA		1	3	4
G01583	KRAKOWSKA	PI289403	HGY	USA		2	2	1	G02358		PI312039	MEX	USA		1	1	2
G01584	PERLOWA	PI289404	HGY	USA		1	2	3	G02368	BLANCO	PI312049	MEX	USA		1	3	4
G01585	KODA	PI289405	HGY	USA	AM	2	2	1	G02372	BLANCO	PI312053	MEX	USA		1	3	3
G01589	GESUNDHEIT	PI289412	HGY	USA		2	2	1	G02374	BLANCO	PI312055	MEX	USA		1	2	3
G01596	F.KOMPOLTI FEHER GYONGYBAG	PI289420	HGY	USA		1	2	3	G02389	ALUVIA	PI312075	MEX	USA		1	2	3
G01605	PRINSA	PI289433	HGY	USA		1	2	1	G02397	BLANCO DE OAXACA	PI312086	MEX	USA		1	2	4
G01607	QUEDLINBURGER ROBUSTA	PI289435	HGY	USA		1	2	1	G02410	CHFS NO. 5 VAR 13 STRAIN C	PI312287	USA	USA		1	2	3
G01612	SAXAGOLD	PI289442	HGY	USA		1	2	1	G02491	BLANCO CHICO	PI313483	MEX	USA		1	2	4
G01622	COMETTE	PI289456	HGY	USA		1	2	2	G02493	BLANCO	PI313485	MEX	USA		1	2	4
G01624	CORWETTE	PI289459	HGY	USA		1	2	3	G02502	BLANCO	PI313528	MEX	USA		1	1	2
G01629	PREDONNE	PI289469	HGY	USA		1	3	2	G02540	COL NO 6	PI313653	CNG	USA		1	2	4
G01631		PI289477	HGY	USA	CF	2	2	1	G02552	COL NO 66	PI313665	ECD	USA		1	2	2
G01661		PI302467	NLD	USA		1	2	1	G02638	COL NO 292	PI313780	GTA	USA		1	2	2
G01687	OLHO DE POMBA	PI307461	BZL	USA	OT	2	2	1	G02688	COL NO 63	PI313846	PER	USA		1	2	2
G01885		PI310545	HDR	USA		1	1	MS 4	G02811	ALUVIA	PI319610	MEX	USA		1	2	3
G01913		PI310582	HDR	USA		1	2	4	G02845	BLANCO	PI319651	MEX	USA		1	3	3
G01968		PI310688	GTA	USA		1	2	3	G02880		PI319705	ZBA	USA		1	2	4
G01986		PI310713	GTA	USA		1	2	3	G02889	BI JANJERO	PI321091	KYA	USA	CF	1	2	2
G01989		PI310718	GTA	USA		1	2	3	G02893	BELABELA	PI321116	TZA	USA		1	2	3
G02000		PI310733	GTA	USA		1	1	4	G02900	KAJERA	PI321132	UGA	USA		1	2	2
G02003		PI310737	GTA	USA		1	2	4	G02931	BLAND	PI340985	ATL	USA		2	2	1
G02004		PI310738	GTA	USA		1	2	3	G02932	YANCO	PI340988	ATL	USA		2	1	1

NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	H E	NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	H E
			I	D	S	S	L	Z				I	D	S	S	L	Z
			G.	C.								G.	C.				
G02933	BOMBUST	PI342656	SAF	USA		1	2	3	G03459	MICHOACAN 7-A		MEX	MEX		1	2	4
G02934	BURNIA	PI343733	ATL	USA		1	2	1	G03509	CHIAPAS 15		MEX	MEX		1	2	4
G02935	GALLARDO	PI343734	ATL	USA		1	2	1	G03510	CHIAPAS 25		MEX	MEX		1	2	4
G02936	KERNAN	PI343735	TKY	USA		1	2	1	G03532	VERACRUZ 167		MEX	MEX		1	1	3
G02964		GTA-023	GTA	GTA		1	2	3	G03540	GUERRERO 27		MEX	MEX		1	1	4
G02967	BLANCO SAN PEDRO	GTA-023	GTA	GTA		1	2	3	G03550	DURANGO 45		MEX	MEX		1	2	3
G02973	BLANCO	GTA-030	GTA	GTA		1	2	2	G03565	OAXACA 39		MEX	MEX		1	2	4
G02998		GTA-059	GTA	GTA		1	2	2	G03570	OAXACA 58		MEX	MEX		1	2	3
G03001	PIE ROSADO	GTA-063	GTA	GTA		1	2	3	G03611	ARFOZ	I-565	CLE	VNZ		1	2	3
G03011	ROJO	GTA-077	GTA	GTA		1	2	3	G03819	PANAMITO SIPA	I-1112	PER	VNZ		1	1	1
G03018	JAMAPA	GTA-085	GTA	GTA		1	2	2	G03927	S-2-BI	B-1		CRA		1	2	4
G03019	VILLANO	GTA-086	GTA	GTA		1	2	3	G03930	COL-119-B	B-8	GTA	CRA		1	2	2
G03022	BLANCO TOLETE	GTA-089	GTA	GTA		1	2	3	G03931	C-186-NI	B-10		CRA		1	2	2
G03033		GTA-102	GTA	GTA		1	2	3	G03932	PANAMITO A	B-11		CRA		1	2	4
G03036	NEGRO	GTA-105	GTA	GTA		1	2	4	G03933	PANAMITO B	B-12		CRA		1	1	4
G03047	PILOY	GTA-116	GTA	GTA		1	2	3	G03934	BLANCO DE S-856-B	B-17		CRA		1	1	4
G03069	DE MATA NEGRO	GTA-142	GTA	GTA		1	2	2	G03935	MATAMBRE	B-18		CRA		1	1	3
G03097	RABIA DE GATO NEGRO LIGERO	GTA-279	GTA	GTA		1	2	3	G03936	LECHE BLANCO	B-21		CRA		1	2	3
G03106	BLANCO	GTA-293	GTA	GTA		1	2	3	G03937	S-204-B	B-26		CRA		1	2	4
G03114	BLANCO	GTA-302	GTA	GTA		1	2	3	G03938	S-452-B	B-27		CRA		1	1	4
G03118	BLANCO	GTA-307	GTA	GTA		1	2	3	G03939	S-580-B	B-29		CRA		1	2	3
G03129	BLANCO	GTA-322	GTA	GTA		1	2	4	G03941	SAGINAW	B-32	USA	CRA		1	1	3
G03148	SEMILLA DE FRIJOL BLANCO	GTA-344	GTA	GTA		1	2	3	G03942	MICHELITE	B-33	USA	CRA		1	1	3
G03160	BLANCO	GTA-359	GTA	GTA		1	2	4	G03943	SEAWAY	B-35	USA	CRA		1	1	1
G03173	ENREDAOUR BLANCO	GTA-372	GTA	GTA		1	2	4	G03947		B-50	PER	CRA		1	2	2
G03176	BLANCO	GTA-380	GTA	GTA		1	2	3	G03948		B-51	MEX	CRA		1	1	2
G03183	BLANCO MEDIA GUIA	GTA-390	GTA	GTA		1	2	4	G03949	BONITA	B-53	PRI	CRA		1	2	2
G03192	BLANCO IPALTECO	GTA-402	GTA	GTA		1	2	3	G03950	POROTA DE HUANUCO	B-54	PER	CRA		1	2	2
G03194	BLANCO BREVE	GTA-405	GTA	GTA		1	2	3	G03951	50755	B-56		CRA		1	2	4
G03195	NEGRO SURIM	GTA-406	GTA	GTA		1	2	2	G03952	PNHTO HJOO	B-57		CRA		1	2	4
G03209	BLANCO	GTA-433	GTA	GTA		1	2	4	G03953	X13650	B-81		CRA		1	2	2
G03216	BLANCO	GTA-441	GTA	GTA		1	1	2	G03954	WIS HBR 72	B-95	USA	CRA		2	2	1
G03219	BLANCO	GTA-449	GTA	GTA		1	1	3	G03955	GUATEMALA 6	B-96	GTA	CRA		1	1	4
G03222	BLANCO CAHABON	GTA-452	GTA	GTA		1	2	2	G03956	GUATEMALA 174 B	B-97	GTA	CRA		2	1	1
G03247	BLANCO GUALAN	GTA-487	GTA	GTA		1	2	3	G04037	ESTELI 22	C-63	NCA	CRA		1	2	1
G03283	AGUASCALIENTES 63		MEX	MEX		1	2	3	G04259	BLANCO DEL SUELO	PI311857	GTA	USA		1	1	4
G03306	PUEBLA 10		MEX	MEX		1	2	3	G04270	ALUVIA DE OCATLAN	PI311968	MEX	USA		1	2	3
G03378	PUEBLA 305-C		MEX	MEX		1	1	4	G04296	BLANCO	GTA-427	GTA	GTA		1	2	3
G03440	ZACATECAS 82		MEX	MEX		1	2	3	G04331	JALISCO 145		MEX	MEX		1	2	4
G03453	JALISCO 148		MEX	MEX		1	2	4	G04402	HIDALGO 20		MEX	MEX		1	1	3



NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B I L I T	M H I L I T	NO. CIAT	IDENTIFICACION	REGLOCAL	O R I G.	P R O C.	B I L I T	M H I L I T			
G04417	MICHELITE 62	B-34	USA	CRA	1	3	2	G05065	SMALL WHITE 59	BZL-368	USA	BZL	1	2	3	
G04445	EX-RICO 23		CLB	CLB	1	1	2	G05237	CEPEC-1	BZL-1144	GTA	BZL	2	1	4	
G04459	NEP-2		CRA	CRA	1	1	2	G05264	GRATIOT	BZL-1309	USA	BZL	1	1	1	
G04493	ICA BUNSI		CLB	CLB	1	2	2	G05267	PANAMITO		ECD	ECD	1	2	2	
G04496	ARPOZ		CLE	CLE	1	2	3	G05281	T-51505		CRA	ELS	1	1	2	
G04498	SANILAC		USA	USA	1	2	1	G05340	L 212 (GENE PI	BZL-288	SWD	BZL	1	2	3	
G04501	KENTUCKY WONDER 780		USA	USA	2	1	4	G05459	BH-94		CRA	CRA	CR	1	2	2
G04504	MAXIDOR		FRC	FRC	2	1	1	G05461	BH-93		CRA	CRA		1	1	2
G04537	ANT 13=BLANQUILLO		CLB	CLB	1	1	3	G05464	BH-91		CRA	CRA		1	1	3
G04578	BOL 5=CARAPETA		CLB	CLB	1	3	3	G05467	BH-89		CRA	CRA		1	1	3
G04581	BOL 8B=CACHACO		CLB	CLB	1	1	3	G05469	BH-88		CRA	CRA		1	1	2
G04625	CUN 12=ARBOLITO BLANCO		CLB	CLB	1	2	4	G05471	BH-84		CRA	CRA		1	1	2
G04629	CUN 54=ARBOLITO		CLB	CLB	1	1	4	G05472	BH-85		CRA	CRA		1	1	2
G04667	MAG 3=ZARAGOZA BLANCO		CLB	CLB	1	3	3	G05473	NEP-2		CRA	CRA		1	1	2
G04687	NAR 29=BLANQUILLO		CLB	CLB	1	2	4	G05476	JULES		USA	USA		1	2	3
G04697	STS 9=QUINCHARITO		CLB	CLB	1	1	3	G05489	M-6585	V-1260	GRC	UTK		1	2	3
G04707	VAL 1=BLANQUILLO		CLB	CLB	1	2	3	G05491	SEAFARER	V-1352	USA	UTK		1	2	3
G04713	VAL 10=BLANQUILLO		CLB	CLB	1	1	2	G05492	0633	V-1695	USA	UTK		1	1	1
G04730	PIURA 10		PER	PER	1	2	3	G05493	0634	V-1698	USA	UTK		1	2	1
G04734	PIURA 38A		PER	PER	1	2	3	G05494	KABACUARA	V-1710	UGA	UTK		1	1	4
G04736	CUZCO 4		PER	PER	1	2	3	G05495	TENGERU 69	V-1725	TZA	UTK		1	1	1
G04737	JUNIN 24		PER	PER	1	2	3	G05498	ESFAHAN	V-2019	IRN	UTK		1	1	1
G04742	JUNIN 120		PER	PER	1	2	3	G05503	MINISTRY N.1365	V-2051	IRN	UTK		1	2	1
G04743	JUNIN 122		PER	PER	1	1	3	G05510	ESFAHAN	V-2102	IRN	UTK		1	2	4
G04744	JUNIN 140		PER	PER	1	2	3	G05512	MINISTRY N.120	V-2105	IRN	UTK		1	2	3
G04745	MOQUEGUA		PER	PER	1	1	3	G05518		V-2141	COA	UTK		1	1	3
G04746	LA LIBERTAD 91		PER	PER	1	1	3	G05524		V-2207	IRN	UTK		1	2	3
G04749	APURIMAC 10		PER	PER	1	2	3	G05530	BLANCO NO.13	V-2253	ELS	UTK		1	2	3
G04750	AYACUCHO 20		PER	PER	1	3	3	G05532		V-2283	SWL	UTK		1	2	3
G04753	AMAZONAS 9		PER	PER	1	2	4	G05535	FARS N.103	V-2315	IRN	UTK		1	2	4
G04754	AMAZONAS 10		PER	PER	1	1	4	G05551	GHOUGHAN DAGHIAN	V-2388	IRN	UTK		1	2	3
G04755	AMAZONAS 13		PER	PER	1	1	4	G05564	KARAJ	V-2503	IRN	UTK		1	2	3
G04757	HUANUCO 10		PER	PER	1	2	4	G05567	ESFAHAN	V-2507	IRN	UTK		1	2	3
G04769	JALISCO 127		MEX	MEX	1	2	3	G05568	65-000-00510	V-2510	IRN	UTK		1	2	3
G04842	CONGO BELGA 6	HDR-0201	ZRE	HDR	1	2	3	G05570	DAGHIAN GHUCHAN	V-2517	IRN	UTK		1	2	3
G04848	ECUADOR 29	HDR-0232	ECD	HDR	1	2	4	G05571	65-085-00518	V-2518	LBN	UTK		1	2	4
G04978	AMANDA		NLD	NLD	1	2	4	G05575	KERMANSHAH CHAMCHAL	V-2530	IRN	UTK		1	2	4
G05032	CALIFORNIA	BZL-258	USA	BZL	1	2	3	G05590	KARAJ	V-2625	IRN	UTK		1	2	3
G05047	SAGINAW	BZL-330	USA	BZL	1	2	3	G05592	KERMANSHAH CHAMCHAL	V-2631	IRN	UTK		1	2	4
G05049	SANILAC	BZL-332	USA	BZL	1	2	1	G05593	KERMANSHAH CHAMCHAL	V-2636	IRN	UTK		1	2	3

NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	H E	NO. CIAT	IDENTIFICACION	REGLOCAL	O R	P R	C C	B F	M L	H E
			I G.	O C.	S C.	S I	L Z	B T				I G.	O C.	S C.	S I	L Z	B T
G06698	MSU-173	918-2	USA	USA		1	2	3	G07460	DOLICHUS ORNATUS	NI-144	ATL	BLG		1	2	2
G06699	MSU-175	919-1	USA	USA		1	2	3	G07462	ECUADOR 20	HDR-231	ECU	HDR		1	2	3
G06700	MSU-183	978-1	USA	USA		1	2	3	G07465	GALLARDY		NZL			1	2	1
G06701	MSU-184	978-2	USA	USA		1	2	1	G07467	KENTWOOD		NZL			1	2	1
G06703	MSU-220	167-3	USA	USA		1	2	3	G07470	KUNG-TOU	NI-272	CHN	BLG		1	2	3
G06704	MSU-233	885-1	USA	USA		1	1	3	G07475	SMALL WHITE COMMERCIAL		NZL			1	2	3
G06706	MSU-277	605-3	USA	USA		1	2	3	G07484	WYR 8789		SSU	SSU		1	2	3
G06707	MSU-279	785-2	USA	USA		1	2	4	G07490	RAINIER		USA	USA		1	2	1
G06708	MSU-305	293-2	USA	USA		1	2	1	G07491	CORDONCO		NLD	NLD		1	2	1
G06710	MSU-323	711-2	USA	USA		1	2	3	G07493	ALLEGRO	IVT-74139	NLD	NLD		2	2	1
G06711	MSU-385	624	USA	USA		1	2	3	G07494	BELMARTEN	IVT-72211	USA	NLD		2	2	1
G06712	MSU-402	319-2	USA	USA		1	2	1	G07495	BISON	IVT-72212	USA	NLD		2	2	1
G06713	MSU-437	270-2	USA	USA		1	2	3	G07496	BLAKE	IVT-73206	USA	NLD		2	2	1
G06714	SILVERT		FRC	FRC		2	2	1	G07497	BONANZA=GALLATIN 50	IVT-73212	USA	NLD		2	2	1
G06719	JUSILA		NLD	NLD		2	2	1	G07498	CARUBEL	IVT-74136	NLD	NLD		1	3	1
G06720	PURE GOLD WAX		USA	USA	MR	2	1	1	G07499	CENTRUM	IVT-72202	NLD	NLD		1	3	1
G06723	RUST PROOF WONDER WAX		USA	USA	MR	1	1	1	G07500	CHICOBEL Z.DR.	IVT-74120	NLD	NLD		1	2	1
G06733	BUNITA (SEL.RES.A M.COMUN)		USA	PRI		1	2	3	G07501	COMET	IVT-73270	USA	NLD		2	3	1
G06737	MSU-257	268-3	USA	USA		1	2	3	G07502	COMETA=COMET	IVT-73295	GFR	NLD		1	2	1
G06740	REMUS		GDR	NLD		2	2	1	G07503	COMPRISE	IVT-74142	NLD	NLD		1	2	1
G06780	MODELOS 57		MEX	MEX		1	2	3	G07504	COMPRIX=COMPRISE	IVT-72272	NLD	NLD		1	2	1
G06940	USTREM			BGA		2	2	1	G07506	CORAM	IVT-75203	NLD	NLD		1	2	1
G07080	GREENPOD LINE 751426		USA	USA		2	2	1	G07507	CORENE	IVT-72150	NLD	NLD		1	2	1
G07083	ECUADOR 86	HDR-0244	ECU	HDR		1	2	3	G07508	DECOR	IVT-73102	FRC	NLD		1	3	1
G07221	GUECITO	PI151395	CLB	USA		1	1	3	G07510	DUBRESCO	IVT-73243	NLD	NLD		1	2	1
G07259	ANC.-78, HCO.-14, JUN.-3		PER	PER		1	1	4	G07511	DUSTA	IVT-74107	NLD	NLD		1	2	1
G07324	APURIMAC 62(CABALLERO BL.)		PER	PER		1	1	4	G07513	EARLY GREEN	IVT-73218	USA	NLD		1	2	1
G07389	JUNIN 133	LM-0795	PER	PER		1	2	4	G07514	EIBER=PITAR	IVT-73220	NLD	NLD		1	2	1
G07423	LA LIBERTAD 203	LM-1105	PER	PER		1	1	3	G07515	ELAN	IVT-74204	NLD	NLD		1	2	1
G07446	PIURA 57	LM-1108	PER	PER		1	2	4	G07516	EMIL	IVT-72295	NLD	NLD		1	2	1
G07447	AYACUCHO 18	LM-1384	PER	PER		1	2	3	G07518	ESTO	IVT-75155	GDR	NLD		3	2	1
G07448	ACTOPAN X SANILAC N46		ATL	ATL		1	2	2	G07519	EXTIBO	IVT-72219	NLD	NLD		1	2	1
G07450	ARCHER			NZL		1	2	3	G07522	FELIX	FRC-0417	NLD	NLD		2	2	1
G07451	ATLAS			NZL		1	2	3	G07523	FLEURON	IVT-74242	FRC	NLD		2	2	1
G07452	BAILIFF			NZL		1	2	3	G07524	FLITS	IVT-72276	NLD	NLD		1	2	1
G07453	CAMBRIDGE COUNTESS			NZL		1	2	2	G07525	FORTUNE	IVT-74212	GFR	NLD		2	2	1
G07454	CAPITOL			NZL		1	1	2	G07526	FRIDONCO=JUC	IVT-73229	NLD	NLD		1	2	1
G07455	CHILE 15	HDR-213	CLE	HDR		1	2	4	G07527	GAMALAN	IVT-73182	GFR	NLD		1	2	1
G07456	CLIPPER			NZL		1	2	3	G07528	GAN	IVT-75178	NLD	NLD		1	2	1
G07459	CUARENTINO	NI-13	RWD	BLG		1	3	3	G07532	HADA	IVT-74215	GDR	NLD		1	2	1