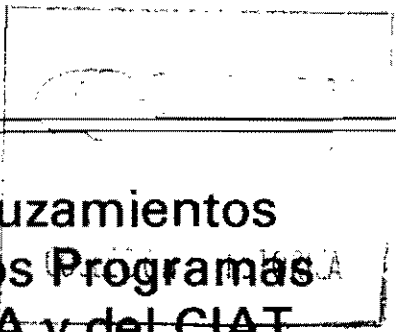


SB
A9A
.R5
R437
C.1



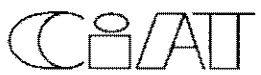
**Registro de Cruzamientos
Realizados por los Programas
de Arroz del ICA y del CIAT
(1957-1986)**

**P 1-P 5618
CT5619-CT8771**

117084
22



BIbliOTECA



Centro Internacional de Agricultura Tropical



COLECCION HISTORICA

PREFACIO

Los Institutos, entidades ó personas interesadas en la investigación arroceras, con frecuencia necesitan información acerca de los progenitores utilizados en los cruzaientos hechos en el Instituto Colombiano Agropecuario (ICA) y/o en el Centro Internacional de Agricultura Tropical (CIAT). La computarización de los registros de mejoramiento del ICA y CIAT ha facilitado la reproducción de esa información para su distribución a los interesados.

El registro de los cruzaientos se empezó en 1957 con la creación del Programa de Arroz de la División de Investigaciones Agropecuarias del Ministerio de Agricultura de Colombia y la Fundación Rockefeller. En 1962 se creó el ICA, mientras que el Programa de Arroz del CIAT sólo se inició en 1967. Por consiguiente, entre 1962 y 1967 el Programa de Arroz del ICA fué el responsable de los cruzaientos realizados. Entre 1967 y 1983 los Programas de Arroz del ICA y del CIAT planearon los cruzaientos en forma conjunta, pero a partir de 1984 cada programa planeó sus propios cruzaientos.

Hasta 1983 los cruzaientos se identificaron con la letra "P" en honor a Palmira, sede del Programa de Arroz por mucho tiempo; en 1984 el Programa de Arroz del CIAT cambió la "P" por "CI". Esto es, a partir del "CI5619" este archivo contiene únicamente los cruzaientos realizados por el CIAT, en tanto que el ICA lleva su registro propio.

Esta es la primera versión compacta de la historia de los cruzaientos; por lo tanto no se descarta la posibilidad de que en el futuro aparezcan algunas correcciones. A causa del espacio limitado, el origen de los progenitores como otros datos de los cruces, no se incluyeron. Sin embargo, dicha información está disponible en los registros y se suministrará a quien la solicite; además, existen

ciertos progenitores que llevan como nombre el número de accesión del banco de germoplasma del IPRI. La información adicional que se puede suministrar a quien la solicite, comprende: el origen, el ecosistema para el cual se planeó el cruzamiento, los propósitos del mismo y el año en el cual se realizó.

Además, si el progenitor tiene como origen el banco de germoplasma del CIAT, se cuenta con una caracterización completa del mismo. Esta caracterización se empezó recientemente y por consiguiente, no existe para todos los progenitores utilizados.

El sistema usa para la designación del cruce una raya oblicua (/) para indicar un cruce simple, y dos ó tres oblicuas (//, ///) para un segundo ó tercer cruce; ejemplo:

Cruce del progenitor A con B, produce un cruce simple A/B

Cruce del híbrido F1 A/B con el progenitor C, produce el cruce triple conocido como A/B//C.

Los retrocruces se designan mediante un asterisco (*) y un número que indica las veces en que el progenitor recurrente interviene en el retrocruce. Los ejemplos siguientes ilustran la conformación de los retrocruces:

A es el progenitor recurrente A*2/B

B es el progenitor recurrente A/2*B

A/B es el progenitor recurrente A/B*2//C

C es el progenitor recurrente A/B//2*C

Para mayor claridad, en los cruces múltiples se indican únicamente los números correspondientes a los de cruces simples, triples, ó dobles

que intervinieron en la conformación del cruce múltiple. Por ejemplo, el cruzamiento doble P 1331 se formó al cruzar los cruzamientos simples P 1221 y P 1229.

En muchas ocasiones se utilizó el número de la línea (4440, 2940, etc) u otras designaciones (UP 714, V 216/84, etc) en lugar del nombre ó pedigríe del progenitor utilizado en el cruzamiento. Con el fin de darle mayor información al interesado, se ha preparado un compendio en donde se identifica con mayor precisión el progenitor utilizado. Ej:

<u>Progenitor</u>	<u>Pedigríe</u>	<u>Cruzamiento</u>
2940	IR 5533-13-1-1	IR 8///IR 8/CARREON///IR 8/TETEP
4440 (CICA B)	P 918-25-1-4-2-3-2B	CICA 4///IR 665-23-3/TETEP
UP 714	TDX 1177-32	TDX 502/TDX 494
V 216/84	P 3091 F4-34	CICA 4//2940/3213

Quien recorra las páginas de este registro, sentirá la inspiración del doctor Peter R. Jennings, quien desde 1957 guió con su talento y sentido práctico los pasos de la investigación de arroz en Colombia y le trazó rumbos definidos.

Un reconocimiento especial se hace a Francisco Bernal, por su dedicación e interés en la preparación de esta publicación.

BLOKARIO

PROGENITOR

PEDIGREE

CRUZAMIENTO

ANAYANSI	LINEA 15	IR 8/NILO
APANI	SML 67 T1	BLUEBELLE/MAGALI
ARALURE 1	P 549-45-1M-40-4-3-1M	IR 930-147-13/COLOMBIA 1
ARALURE 2	P 1382-2-4M-2-1B-5-1-2	P 1221/P 1230
ARALURE 3	PR 106	IR 81/PETAR5/BELLE PATNA
ARALURE 4	P 2217 F4-30-4-1B	CICA 71/4440/RENAJOTA
AWINI	SML 1144	TM (1) APUPA 31/SML 467/1
BANGA A 75	IR 837-20-3-6	IR 262-43-8-11/NIAM SAN PAHTAWANG
BR 2	IR 442-2-5B	IR 95-31-4/LEB MUE NANG
CARDENAS A 80	SFR 6726-134-2-26	C-4-631/GOW RUMANG 88/SIGADIS
CENTA A 2	P 1008-8-16-6-1B-53	IR 5771/IRS321/IR22/F1 IR930/COL-1
CENTA A 3	P 1008-8-26-6-1B-52	IR 5771/IRS321/IR22/F1 IR930/COL-1
DEYSVONI	SML 69141/9	SML 997/AMANI
CHANCAY	IR 930-31-10	IR 81/MONG CHIM VAN A/1-GE0-TZE
CICA 4	IR 930-31-1-1B	IR 81/MONG CHIM BANG A/I-GE0/TZE
CICA 6	P 723-6-3-1	IR 930-21/IR 822-432
CICA 7	P 881-19-24-12-1B-6-1B	IR 221/IR 930/COLOMBIA 1
CICA 8	P918-25-1-4-2-3-1B-1131-1	CICA 41/F1 IR 665-23-3/TETEP
CICA 9	P 901-22-11-2-6-2-1B	IR 6651/IR 841/C 46-15
CIWINI	SML 67 H2077/1	BOEWANI/WASHABO
COLOMBIA 1	T319E-2M-2M-1M-1M	NAPAL/TAKAO IKU18
CAMPONI	SML 7012776	IR 8/SML 467/11/SML 1010

<u>PROSENTOR</u>	<u>PEDIGREE</u>	<u>CRUZAMIENTO</u>
CR 1113	IR 822-821-2	IR 8//IR8/PANAKARI 203
CR 1821	P 661-19-22-4-1-18-CR 1	IR 22//IR 930/COLOMBIA 1
CR 201	P 681-19-22-4-1-18-CR-1	IR 22//IR 930/COLOMBIA 1
CR 5272	P 763-19-1-1-CR 26	IR 8//IR 12//IR 8*/PANAKARI
DAMARIS	LINEA 9	IR 8/NILO
DIMANI	SML 68101/10	WASHABO//IR 454
ELONI	***	IR 54/KAPURI//SML 66 H 10
EMPASC 101	P 780-55-1-1	IR 930-80//IR 532 E-208
EMPASC 102	P 738-137-4-1	IR 930-53//IR 579-160
EMPASC 103	P 791-84-14	IR 930-2//IR 665-31-5-B
EMPASC 104	IR 841-67-1-2	IR 262-43-8-11//KHAO BAWK MALI 195
HUALLANGA	IR 442-2-50-2-2-3	IR 95-31-4//LEB MUE NANG
IAC 1278	P 1278-6-17M-1-18	P 1217/P 1236
ICA 10	T1120-7P-5T-1P-2T	6879//PI215936/C19214*2
ICTA-TEMPLESUE	P 1068-6-16-6-18	IR 577//IR 532//IR22//F1 IR 930/COL-1
ICTA-VIRGINIA	P 918-25-1-4-2-3-18	CICA 4//F1 IR 665-23-3//TETEP
INIAP 415	P 1042-2-3-18	IR 930//IR 579//IR 930//IR 822
INIAP 7	P 918-25-15-2-3-18	CICA 4//F1 IR 665-23-3//TETEP
INTI	PMA 2-F4-1055-1	IR 8/FORTUNA/MINAGRA
IR 100	IR 579-48-1	IR 8/TADUKAN
IR 1529	IR 1529-430-3	IR 305-3-17-1-3-//IR 661-1-140-3
IR 22	IR 579-160-2	IR 8/TADUKAN

*** LOS ESPACIOS EN BLANCO QUE APARECEN EN ESTE GLOSARIO
INDICAN QUE SE DESORDENEN EL PEDIGREE O EL CRUCE DE LA LINEA

PROGENITORPEDIGREECRUZAMIENTO

IR 5	IR 5-64	PETA/T. ROTAN
IR 6	IR 6-156-3-3	SIAM 29/DEO SED WOO BEN
IR 665	IR 665-4-5-5	IR 8//PETA-S/EELLE PATNA
IR 8	IR 8-233-3	DEO SED WOO BEN/PETA
IR 841	IR 841-63-5-1-9-33	IR 262-43-8-11/KHAO DANK MALI 105
IRGA 409	P 790-84-4-1T	IR 930-2//IR 665-31-2-4
IRGA 410	P 798-	IR 930-53//IR 665-31-2-4
IR21015	IR21015-72-3-3-3-1	BATATAIS/IR36//IRS2
ITA 133	TOX 340-1-7-3	PCHS/FCHOUAI / TOX 7-3-4-10-1
JOACHIN A 74		COREPEPE A 663/TN 1//IR 160-27-4
JUMA 51		TONG BREA 91//IR 8
JUMA 57	FG-J49(78)	NILO//IR 8
JUMA 58	FG-351-7(21)	TONG BREA 91//IR 8
METICA 1	P 1035-5-6-1-1-2M	F1 P 738/P 881//F1 P758/P868
M	IR 1055	BE 79//IR 400-28-4-5
NAYLAMP	IR 930-2-6	IR 8//MONG CHIM WANG A/1-6ED/TZE
ORYZICA 1	P 1429-8-9M-2-18-5	P 1223/P 1225
ORYZICA 2	P 2023 F4-74-2-1B	BS 90-2//4440/CICA 7
PA-2	P 2030 F4-89-1-2	CICA 4//4440/CICA 7
PA-3	IR 4570-83-3-3-2	IR 1702-74//IR 1721-11//IR 2055-481
PESAGRO 101	IR 8208-146-1	IR 3265-193-3//IR 5//IR 2061-213-2-16
PESAGRO 102	IR 2058-78-1-3-2-3	IR 1416//IR 1364//IR 1366//IR 1539

PROGENITORPEDIGREECRUZAMIENTO

QUILLA 64117	CH641-9-2	DELTA/ORD
QUILLA 65101	CH651-1-3	RB/D//RR/BL28-4-1///CESARIOT
QUILLA 66304	CH663-4-1	CESARIOT/ORD
QUILLA 67103	CH671-1-2-1	DIAMANTE/NIGLEN
SINALOA A 68	IR 160-27-4	NGHNS MEN 54/TN1
TAMICKA		TOHO BREA 91/IR 0
TIKAL 2	P 901-22-11-5-3-2-1-B	IR 665//IR 841/C 46-15A
TOCUMEN 5430	P 581-19-22-4-1-1B-2-1	IR 22//IR 930/COLOMBIA 1
UPL R1-3	C424-2	MALAKIT SUNGSONG/IR20
UP1095	P205AF4-26-4-1B	IR36//5461/C1CA7
UP1541	P2191F4-35-5-1B-3-1B	C1CA7//8390-2/KB
UP1580	P3059F4-11M-2P-2P-1B	5745//CAMPONI/KB
UP1588	F3059F4-136-4-10M-1B	5745//CAMPONI/KB
UP1591	P3059F4-54-7	5745//CAMPONI/KB
UP658	COLOMBIA1/M3129/74-2-B-B	
UP667	BL562-2	
UP669	RHS-107-2-1-2TB-1JN	
UP674	TOX71B-AL-27-1CH-1JN	
UP714	TOX1177-32	TOX 502/TOX494
UP733	TOX71B-AL-11-1CH-1JU	
V 105	IR25840-64-1-3	ARC6650//IR4570-83-3//IR9129-205-2
V 165/84	EE1A31-21-1-1	IR1529-430//IR759-54-2-2-2

GLOSARIO

<u>PROGENITOR</u>	<u>PEDIGREE</u>	<u>CRUZAMIENTO</u>
V 216-84	P3081F4-34	CICAA//2940/3210
V 224	P3299F4-33	5685//3250/IRATB
V 230/84	P2778F4-82-2	2476//IRATB/CAMPONI
V-122-84	EC1A24-107-1	IR1529-430/UNLIR3223
V-224-84	P3299F4-33	5685//3250/IRATB
V-226-84	P3081F4-76	CICAA//2940/3210
V-233-84	P2887F4-9-4	2667//IR11-452/CEYSVONI
VAR. 9	IR841-63-5-104-1B	PETA*3/TN1//K640 DANK MALI
Y030A 44	P 918-25-15-2-3-2-1B	CICA 4//IR 665/TETEP
100328	DRYZA PERENNIS	
100329	DRYZA PERENNIS	
100330	DRYZA PERENNIS	
10405	P2192F4-39	CICAB//8690-2/PELITA1/1
10493	P2185F4-1	4468//8690-2/COLOMBIA1
10665	P2189F4-77	CICAB//8690-2/BAHAGIA
10750	P2192F4-37	CICA7//8690-2/K8
1089		PELITA1/1//8666-1//IR1541
1090		PELITA1/1//8666-1//IR1541
11219	P2013F4-82-2-1B	CICAA//8690-2/TETEP
11292	P2015F4-66-1	CICAB//8690-2/CICA7
11295	P2015F4-66-5	CICAB//8690-2/CICA7
11361	P2015F4-133	CICAB//8690-2/CICA7

GLOSARIO

<u>PROGENITOR</u>	<u>PEDIGREE</u>	<u>CRUZAMIENTO</u>
11373	P2015F4-14E-5	CICAB//B690-2/CICA7
1156		B690-2//IR1541/DB67B
11643	ORYZICA 2-P2023F4-74-2-1B	B690-2//CICAB/CICA7
1170		B690-2//IR1541/DB67B
11744	P2025F4-159-5	CICAA//CICA9/CICA7
11950	P2030F4-165	CICAA//CICAB/CICA7
11972	P2030F4-217-4	CICAA//CICAB/CICA7
1213		B690-2//IR1541/DB67B
1279		B690-2//IR1541/DB67B
1313		PELITA1/1//IR1702/IR1529
1445	IRRI1445	IR B*3/CARREON
14757	P2057F4-48-3	CICA7//5461/4414
15352	P2231F4-45	CICA7//CICAB/PELITA1/1
15373	P2231F4-71	CICA7//CICAB/PELITA1/1
15738	P2180F4-55-4	CICAB//B690-2/SML56/7
15843	P2189F4-64-1	CICAB//B690-2/BAWAGIA
15900	P2192F4-39-5-1B	CICA7//B690-2/K9
16235	P2217F4-4-3	CICA7//CICAB/REMAOJA
16252	P2217F4-30-4	CICA7//CICAB/REMAOJA
16267	P2217F4-45-7	CICA7//CICAB/REMAOJA
16280	P2217-F4-2-1	CICA7//CICAB//REMAOJA
16404	P2231F4-13-2-1B	CICA7//CICAB/PELITA1/1

BLOSCARIO

<u>PROGENITOR</u>	<u>PEDIGREE</u>	<u>CRUZAMIENTO</u>
16438	P2231F4-45-6-1B	CICA7//CICAB/PELITA1/1
16439	P2231F4-45-8-1B	CICA7//CICAB/PELITA1/1
16492	P2231F4-136-1-1B	CICA7//CICAB/PELITA1/1
16493	P2231F4-138-2-1B	CICA7//CICAB/PELITA1/1
16497	P2231F4-138-6-1B	CICA7//CICAB/PELITA1/1
16504	P3293F4-27-1P-1B	5738//3224/COSTA RICA
16664	P2359F4-9	TAPURIPA/CICA4
16832	OS6 MUTANTE 56	
16838	OS6 MUTANTE 62	
16840	OS6 MUTANTE 6A	
16863	IAC 25 MUTANTE 22	
17062	TAPURIPA MUTANTE 164	
17100	TAPURIPA MUTANTE 202	
17141	TAPURIPA MUTANTE 243	
17327	P2053F4-14-2-1	CICA7//5461/CICA4
17330	P2053F4-26-4-6	CICA7//5461/CICA4
17347	P2053F4-81-6-4	CICA7//5461/CICA4
17354	P2053F4-99-4-4	CICA7//5461/CICA4
17355	P2053F4-156-1-1	CICA7//5461/CICA4
17361	P2053F4-169-8-1	CICA7//5461/CICA4
17388	P2057F4-88-3-1	CICA7//5461/4414
17391	P2058F4-47-3-5	CICA7//5461/1R22

BLOSCARIO

<u>PROGENITOR</u>	<u>PEDIGREE</u>	<u>CRUZAMIENTO</u>
17396	P2060F4-2-5-2	CICA7//IR36/CICA9
17400	P2060F4-11-7-4	CICA7//IR36/CICA9
17406	P2060F4-29-6-2	CICA7//IR36/CICA9
17431	P2039F4-112-4-4	4467/B690-2
17433	P2067F4-B5-3-3	5461//IR22//IR36/CICA9
17444	P2068F4-72-7-4	5461/4440//IR36/CICA7
17468	MI48 MUTANTE 4	
17481	MI48 MUTANTE 17	
17531	CICA4 MUTANTE 18	
17631	BAHAGIA MUTANTE 53	
17637	FLOTANTE36 MUTANTE 1	
17639	FLOTANTE36 MUTANTE 3	
17719	P3050F4-52	8690-2//CAMPONI/KB
18420	P2015F4-128-5-4	CICAB//B690-2/CICA7
18429	P2016F4-87-5	CICAR//B690-2/CICA7
1845	76-1155	IR8/TKM6//B636-1//IR22
18452	P2025F4-93-1-5	CICRA//CICA9/CICA7
18467	P2026F4-49-5-5	B690-2//CICAR/CICA7
18493	P3053F4-3-4P-1P-1B	5209//CAMPONI/KB
18510	P2180F4-7-5	CICAB//B690-2/SNL56/7
18521	P3059F4-11M-2P-2P-1B	5745//CAMPONI/KB
1854	76-1588	IR8/TKM6//08677/B6690-2

BUSCARIO

<u>PROGENITOR</u>	<u>PEDIGREE</u>	<u>CRUZAMIENTO</u>
18633-4	P2737F4-18	B690-2//MOROBEREKAN/CAMPONI
1869	76-2422	08678//IR20/H5
18732-2	CICAA MUTANTE 56	
1884	76-2611	IR22/B690-2
18866	P2766F4-B	2476//DS6/CEYSVONI
18868	P2766F4-12	2476//DS6/CEYSVONI
19701	P3055F4-20	5209//CAMPONI/KB
19934	P2182F4-39-1B-1B-6-1B	CICAB//B690-2/PELITA1/1
19947	P2189F4-64-1B-1B-3	CICAB//B690-2/B4/PAGIA
19950	P2192F4-30-1B-1B-1	CICA7//B690-2/KB
19953	P2192F4-30-1B-1B-5	CICA7//B690-2/KB
19959	P2193F4-10-1B-1B-3	CICAB//B690-2/KB
19960	P2193F4-10-1B-1B-5	CICAB//B690-2/KB
19965	P2193F4-22-1B-1B-5	CICAB//B690-2/KB
19969	P2193F4-158-1B-1B-4	CICAB//B690-2/KB
19970	P2193F4-158-1B-1B-7	CICAB//B690-2/KB
2123	62-3	B690-2//IR1541/0867B
2135	135-2	B690-2//IR1541/0867B
21651	P3059F4-79-3	5745//CAMPONI/KB
23638	P2859F4-105-4	CICAA//IR11-452/CAMPONI
23754	P2867F4-52-2	B694-1//IR11-452/CAMPONI
23916	P2062F4-17-33-1-1B	CICA7//5461/4422

GLOSARIO

<u>PROGENITOR</u>	<u>PEDIGREE</u>	<u>CRUZAMIENTO</u>
23925	P2192F4-39-5-18-2	CICA7//B690-2/KB
24045	P3919F4-45-5	CAMPONI#2/CICA4
2476	S7-6	IR2035-290//B690-2/PELITA1/1
2485	S7-17	IR2035-290//B690-2/PELITA1/1
2492	S8-8	IR2035-290//IR262/PELITA1/2
25453	P3478F4-8	S738//B690-2/TETEP
25493	P2192F4-39-5-1	CICA7//B690-2/KB
25534	P3059F4-79-2-3	S745//CAMPONI/KB
25536	P3059F4-87-2-2	S745//CAMPONI/KB
25552	P3059F4-113-3-3	S745//CAMPONI/KB
25556	P3059F4-144-2-5	S745//CAMPONI/KB
25589	P3062F4-38-1-1-1B	4468//CAMPONI/KB
25592	P3062F4-170-1-1	4468//CAMPONI/KB
25632	P2722F4-18-2-5	2485//P1900/P1902
25638	P2766F4-36-2-4	2476//056/CEYEVONI
25651	P2786F4-19-7-4	LINEAS//IRATB/CAMPONI
25697	P2231F4-138-2-1-1	CICA7//CICAB/PELITA1/1
25702	P2231F4-138-6-2-1-1B	CICA7//CICAB/PELITA1/1
25929	P3282F4-29-8	CICA7//IR262/COSTA RICA
25969	P3284F4-17-2	DRYZICA1//IR262/COSTA RICA
2608	S12-30	73-669//DKN6809/IR1529
26201	P3304F4-12-1	S738//63-83/CAMPONI

GLOSARIO

<u>PROGENITOR</u>	<u>PEDIGREE</u>	<u>CRUZAMIENTO</u>
26221	P3304F4-54-5	ORYZICA1//63-83/CAMPONI
26230	P3304F4-58-6	ORYZICA1//63-83/CAMPONI
26235	P3304F4-59-5	5738//63-83/CAMPONI
26320	P3081F4-58-3	EICAA//2940/3210
26444	P3084F4-56-2-2	5749//2940/3210
26481	P3085F4-59-1	5754//2940/3210
2667	S13-2	IR262//B06609//IR1529
2674	S13-13	IR262//B06609//IR1529
2692	S13-41	IR262//B06609//IR1529
2930	75-311	B666-1//IR20
29316	P4307F2-32	RUSTIC//IR11-452//CR1113
2940	IR5533-13-1-1	IRB///IRB/CARREDA//IRB/TETEP
2941	IR 5533-P850-1	IRB///IRB/CARREDA//IRB/TETEP
2946	IR9559-PP889-1	IRB///IRB#2///IR1904//IR1905
3210	IR2823-103-5-1	CR9413//IR1529///IR24#3//ORYZA/NIVARA//IR1416//IR2823-103-5-1
3224	IR480-5-7-3-2-1	WANG WONG-4#2/TW1
3250	IR1909-1-3-3	IRB#4/BAMN
3417	S7-24	IR2035-290//B690-2//PELITA1/1
3467	S7-106	IR2035-290//B690-2//PELITA1/1
3528	S8-4	IR2035-290//IR262//PELITA1/1
3555	S8-41	IR2035-290//IR262//PELITA1/1
3555	S8-41	IR2035-290//IR262//PELITA1/1

GLOSARIO

<u>PROGENITOR</u>	<u>PEDIGREE</u>	<u>CRUZAMIENTO</u>
3582	S8-91	IR2035-290//IR262/PELITA1/1
3604	S9-11	IR2035-290//IR1529/PELITA1/1
3674	S11-13	73-797//BKN6809//IR1529
3834	S13-3	IR262//BKN6809//IR1529
3838	S13-11	IR262//BKN6809//IR1529
38409-1	PS601-7-3	IR4-2//CEYSVONI//COLOMBIA1/17354
3843	S13-18	IR262//BKN6809//IR1529
38440	PS446-6-3	TOX1011-4-1//11643//CEYSVONI//IRAT 122
38440-2	PS446-6-3-2	TOX1011-4-1//11643//CEYSVONI//IRAT 122
38440-3	PS446-6-3-3	TOX1011-4-1//11643//CEYSVONI//IRAT 122
3859	S13-37	IR262//BKN6809//IR1529
3868	S13-48	IR262//BKN6809//IR1529
38796-1	CTS690-3-19-1	IRS/INIAP415//COLOMBIA1/5685
38796-2	CTS690-3-19-2	IRS/INIAP415//COLOMBIA1/5685
38797-1	CTS690-3-20	IRS/INIAP415//COLOMBIA1/5685
38803-1	CTS690-4-5-1	IRS/INIAP415//COLOMBIA1/5685
38803-2	CTS690-4-5-2	IRS/INIAP415//COLOMBIA1/5685
38941-1	CTS746-3-4	COLOMBIA1/5685//5685//CAMPECHEA80
3993	S1-01B-63-3-1-6	IR3107//IR3189
40665	PS166F2-71-4	5863//METICA1//ANAYANSI
4264	76-4729	RG66-1//RG35
4414	P899-55-5-2-5-2-1B	IR665-23-3-1//IR841-63-5-104-1B//TETEP

BLOSAPIO

<u>PROGENITOR</u>	<u>PEDIGREE</u>	<u>CRUZAMIENTO</u>
4418	P901-22-7-2-3-2-1B	IR665-23-3-1//IR841-63-5-104-1B/C46-15
4422	P901-22-11-5-3-2-1B	IR665-23-3-1//IR841-63-5-104-1B/C46-15
4425	P914-43-8-3-5-2-1B	IR665-33-5-8/DISSI HATIF//IR841-63-5-104-1B
4440	CICA 8=P918-25-1-4-2-3-1B-1131-1	CICA4//IR665-23-3/TETEP
4442	P918-25-14-3-3-1B	CICA4//IR665-23-3/TETEP
4462	P881-19-22-12-1B-7-1B	IR22//IR930-147-8/COLUMBIAI
4467	P896-20-1-1-6-8-1B	IR665-23-3-1*2/TETEP
4468	P918-20-2-2-2-1B	CICA4//IR665-23-3-1/TETEP
4515A-20	P899-55-5-2-5-2-1B	IR665-23-3-1//IR841-63-5-104/TETEP
5002	P1034-6-4-2-3-3M	P726/P881//P726/P868
5006	METICA 1=P1035-5-6-1-1-2M	P738/P881//P738/P868
5010	P1036-9-3-1-2-2M	P738-137-3-1/P881-19-24-8//P738/P881-19-24-5
5062	S4-46	BAHAGIA/73-805
50817	LINEA FLOTANTE 36	IR262//TPG/BK06990-63
5173	S4-45	BAHAGIA/73-805
5209	S5-11	BAHAGIA/IR262
5398	S8-16	IR2035-290//IR262/PELITAI/1
5461	S12-30	73-669//BK06809/IR1529
5568	P1452-7-14M-3-1B	P1223/P1248
5594	P1496-7-5M-2-1B	P1224/P1260
5681	P1677-2-12M-5-1B	P1232/P1241
5683	IR22	

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GLOSARIO

<u>PROGENITOR</u>	<u>PEDIGREE</u>	<u>CRUZAMIENTO</u>
5685	P1274-6-8M-1-3M-1	P1217/P1232
5709	P1369-4-16M-1-2M-4	P1220/P1254
5715	P1377-1-15M-4-1M-1	P1221/P1224
5722	P1382-2-9M-1-1M-4	P1221/P1230
5723	P1382-2-11M-2-1M-1B	P1221/P1230
5728	P1386-6-8M-1-3M-1	P1221/P1328
5732	P1397-4-9M-3-3M-3	P1221/P1260
5738	ORYZICA 1=P1429-8-9M-2-1M-5	P1223/P1225
5745	P1447-3-1M-5-1M-1B	P1223/P1243
5749	P1491-4-27M-1-4M-1B	P1224/P1252
5754	P1496-7-7M-5-3M-1B	P1224/P1260
5854	P1377-1-15M-1-2M-3	P1221/P1224
5861	P1441-2-2M-3-1M-1B	P1223/P1237
5862	P1447-3-1M-5-1M-1B	P1223/P1243
5863	P1482-8-9M-1-2M-1B	P1224/P1243
5865	P1496-7-7M-5-3M-1B	P1224/P1260
5868	P1447-4-7M-3-1M-2	P1223/P1243
5869	P1577-1-23M-5-1M-4	P1228/P1253
6006	84-18	BAWAGIA/73-805
60069	TOX2083/1943-1-1P-1B	
60122	TOX1837-103-1	DINANI/866812
60125	TOX1837-103-4	

BLOSA10

<u>PROGENITOR</u>	<u>PEDIGREE</u>	<u>CRUZAMIENTO</u>
60128	TOX1871-38-1	B66850/TOX1172-16
60129	TOX1871-38-2	B66850/TOX1172-16
60131	TOX1871-38-4	B66850/TOX1172-16
60131A	TOX1871-38-4-1A	B66850/TOX1172-16
60132	TOX1871-38-5	B66850/TOX1172-16
60135	TOX1871-15-1	B66850/TOX1172-16
60136	TOX1871-15-2	B66850/TOX1172-16
60141	TOX1780-2-1-1P-2	TOX1525F20W//MORIN 6/TOX340F2
60142	TOX1780-2-1-1P-3	TOX1525F20W//MORIN 6/TOX340F2
60143	TOX1780-2-1-1P-4	TOX1525F20W//MORIN 6/TOX340F2
60356	TOX891-212-2-102-2-101-1-1B	IR8230-12-1/LAC23(WHITE)
60359	TOX936-81-3-5-201-1B	IR1529-430-3/IGUAPE CATETO
60359 (M.L)	TOX936-81-3-5-201-1M	IR1529-430-3/IGUAPE CATETO
60359 (L)	TOX936-81-3-5-201-1L	IR1529-430-3/IGUAPE CATETO
60359 (LISA)	TOX936-81-3-5-201-LISA	IR1529-430-3/IGUAPE CATETO
60369	TOX956-109-2	T056869/LAC23/BLANCO
60372	TOX1010-22-7-1B	IRAT13/DP689//TOX494-5
60374	TOX1010-24-6-1B	IRAT13/DP689//TOX494-5
60375	TOX1012-12-3-1-1B	
60396	TOX1780-7-4-201	TOX1525F20W//MORIN 6/TOX340F2
60435	TOX1815-34-201-201-1	
6839	P2036-18-14-5	B890-2*4/TETEP

GLOSARIO

<u>PROGENITOR</u>	<u>PEDIGREE</u>	<u>CRUZAMIENTO</u>
6843	P2036-18-16-3	B690-2*4/TETEP
6850	P2036-18-18-2	B690-2*4/TETEP
7042	YDX711F3-13	IRS/SUAKOKOR
7140	P1897-15-1-1-1	B690-2*3/TETEP
7152	P1897-15-1-4-1-1B	B690-2*3/TETEP
7153	P1897-15-1-4-2	B690-2*3/TETEP
7181	P1897-15-8-5-4	B690-2*3/TETEP
7222	P1897-21-1-2-2	B690-2*3/TETEP
7399	P1897-15-10-13-5	B690-2*3/TETEP
7639	P2015F4-54-18-1B	CICAB//B690-2/CICA7
8170	P2023F4-16	B690-2//CICAB/CICA7
8440	P2026F4-30	B690-2//CICAB/CICA7
8663	P2030F4-164	CICAB//CICAB/CICA7
8976	P2036-18-18-8	B690-2*4/TETEP

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1	NATO	HIB MIX 11-49-19-2
P 2	NATO	PI 205928
P 3	NATO	SHINCHI-KU-1KU 19
P 4	NATO	SHINCHI-KU-1KU 146
P 5	NATO	B 456442-11-4-3
P 6	NATO	LACROSSE/MAGNOLIA(44CS16)
P 7	NATO	280-2-2/MAGNOLIA
P 8	NATO	LACROSSE/4515A20
P 9	NATO	LACROSSE/4515A20
P 10	NATO	LACROSSE/4515A20
P 11	NATO	LACROSSE/5426A
P 12	NATO	BRUINMISSE/ZENITH
P 13	ZENITH	LACROSSE/5426A
P 14	ZENITH	LACROSSE/MAGNOLIA
P 15	ZENITH	HIB MIX 11-47-11-1
P 16	ZENITH	HIB MIX 11-49-19-2
P 17	ZENITH	PI 209938
P 18	ZENITH	SHINCHI-KU-1KU 19
P 19	ZENITH	SHINCHI-KU-1KU 146
P 20	ZENITH	CHIRGUA-1-1-2-2
P 21	ZENITH	PI 160398
P 22	ZENITH	PI 160648
P 23	ZENITH	PI 190198
P 24	ZENITH	B 456442-11-4-3
P 25	ZENITH	P 105
P 26	ZENITH	LACROSSE
P 27	ZENITH	LACROSSE/MAGNOLIA (44CS16)
P 28	ZENITH	TAINAN-1KU 487
P 29	ZENITH	LACROSSE/4515A-20
P 30	ZENITH	LACROSSE/5426A
P 31	HILL SELL/BLUEBONNET	LACROSSE/5426A
P 32	HILL SELL/BLUEBONNET	HIB MIX 11-49-19-2
P 33	HILL SELL/BLUEBONNET	PI 160398
P 34	HILL SELL/BLUEBONNET	PI 160399
P 35	HILL SELL/BLUEBONNET	PI 160648
P 36	HILL SELL/BLUEBONNET	PI 160787
P 37	HILL SELL/BLUEBONNET	LACROSSE
P 38	HILL SELL/BLUEBONNET	LACROSSE/MAGNOLIA(44CS16)
P 39	HILL SELL/BLUEBONNET	COLUSA
P 40	HILL SELL/BLUEBONNET	KOREAN
P 41	HILL SELL/BLUEBONNET	HIB MIX 11-49-19-5
P 42	HILL SELL/BLUEBONNET	LACROSSE/4515A20
P 43	HILL SELL/BLUEBONNET	LACROSSE/5426A
P 44	HILL SELL/BLUEBONNET	LACROSSE/5426A
P 45	CP 231	HIB MIX 11-49-19-2
P 46	CP 231	SHINCHI-KU-1KU 146
P 47	CP 231	CHIRGUA-1-1-2-2
P 48	CP 231	P 105
P 49	CP 231	COLUSA
P 50	CP 231	HIB MIX 11-49-19-5

NO. CRUCE	PROGENITOR	FEMENTINO	PROGENITOR MASCULINO
P 51	CP 231		250-2-242/MAGNOLIA
P 52	CP 231		250-2-2/250 * MAGNOLIA
P 53	CP 231		LACROSSE/4515A20
P 54	CP 231		LACROSSE/4515A20
P 55	CP 231		LACROSSE/4515A20
P 56	CP 231		LACROSSE/5426A
P 57	CP 231		LACROSSE/5426A
P 58	CP 231		BRUNNISSE/ZENITH
P 59	BLUEBONNET 50/CENTURY		LACROSSE
P 60	BLUEBONNET 50/CENTURY		LACROSSE/MAGNOLIA
P 61	BLUEBONNET 50/CENTURY PATNA		HYB MIX 11-47-11-1
P 62	CI 9402		B 4564A2-122-1-1
P 63	CI 9402		PI 209938
P 64	CI 9402		SHINCHIKU-IKU 19
P 65	CI 9402		CHIRBUA-1-1-2-2
P 66	CI 9402		PI 160399
P 67	CI 9402		PI 160648
P 68	CI 9402		PI 190198
P 69	CI 9402		P.105
P 70	CI 9402		LACROSSE
P 71	CI 9402		COLUSA
P 72	CI 9402		HIB MIX 11-49-19-5
P 73	CI 9402		TAINAN-IKU 487
P 74	CI 9402		250-2-2/250 * MAGNOLIA
P 75	CI 9402		LACROSSE
P 76	CI 9402		LACROSSE
P 77	CI 9402		LACROSSE
P 78	CI 9402		LACROSSE
P 79	BLUEBONNET 50/CENTURY PATNA		LACROSSE/5426A
P 80	BLUEBONNET 50/CENTURY PATNA		HIB MIX 11-49-19-2
P 81	BLUEBONNET 50/CENTURY PATNA		PI 209938
P 82	BLUEBONNET 50/CENTURY PATNA		CHIRBUA-1-1-2-2
P 83	BLUEBONNET 50/CENTURY PATNA		PI 160398
P 84	BLUEBONNET 50/CENTURY PATNA		44C516/LACROSSE * MAGNOLIA
P 85	BLUEBONNET 50		COLUSA
P 86	BLUEBONNET 50		PI 160799
P 87	BLUEBONNET 50		TAINAN-IKU 487
P 88	BLUEBONNET 50/CENTURY PATNA		250-2-2/250 * MAGNOLIA
P 89	BLUEBONNET 50/CENTURY PATNA		250-2-2/250 * MAGNOLIA
P 90	BLUEBONNET 50/CENTURY PATNA		LACROSSE/4515A20
P 91	BLUEBONNET 50/CENTURY PATNA		LACROSSE/4515A20-140
P 92	BLUEBONNET 50/CENTURY PATNA		LACROSSE/5426A
P 93	BLUEBONNET 50/CENTURY PATNA		BRUN SELTZ
P 94	CENTURY PATNA/CI 9122		LACROSSE/MAGNOLIA
P 95	CENTURY PATNA/CI 9122		HIB MIX 11-47-11-1
P 96	CENTURY PATNA/CI 9122		HIB MIX 11-49-19-2
P 97	CENTURY PATNA/CI 9122		B 4564A2-122-1-1
P 98	CENTURY PATNA/CI 9122		PI 209938
P 99	CENTURY PATNA/CI 9122		SHINCHIKU-IKU 146
P 100	CENTURY PATNA/CI 9122		CHIRBUA-1-1-2-2

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 101	CENTURY PATNA/CI 9122	PI 160398
P 102	CENTURY PATNA/CI 9122	PI 160648
P 103	CENTURY PATNA/CI 9122	44C516/LACROSSE * MAGNOLIA
P 104	CENTURY PATNA/CI 9122	H18 MIX 11-49-19-5
P 105	CENTURY PATNA/CI 9122	TAINAN-IKU 487
P 106	CENTURY PATNA/CI 9122	LACROSSE/4515A20
P 107	CI 9013	BRUIN SEL/2N
P 108	CI 9013	PI 209938
P 109	CI 9013	P 105
P 110	CI 9013	TAINAN-IKU 487
P 111	CI 9013	250-2-2/250 * MAGNOLIA
P 112	CI 9013	LACROSSE/4515A20
P 113	CI 9013	LACROSSE/4515A20
P 114	CI 9013	LACROSSE/4515A20
P 115	BLUEBONNET 50	P 105
P 116	CI 8990	250-2-2/250 * MAGNOLIA
P 117	CI 8990	LACROSSE/4515A20
P 118	CI 9122/BLUEBONNET 50	LACROSSE/4264
P 119	CI 9122/BLUEBONNET 50	PI 209938
P 120	CI 9122/BLUEBONNET 50	KOREAN
P 121	CI 9122/BLUEBONNET 50	TAINAN-IKU 487
P 122	B 5223A5-14-1	250-2-2/250 * MAGNOLIA
P 123	B 5223A5-14-1	250-2-2/250 * MAGNOLIA
P 124	B 5223A5-14-1	LACROSSE/4515A20
P 125	B 5223A5-14-1	LACROSSE/4515A20
P 126	B 5223A5-14-1	LACROSSE/4515A20
P 127	B 5223A5-14-1	LACROSSE/S426A
P 128	CI 9122/TEXAS PATNA	LACROSSE/S426A
P 129	CI 9122/TEXAS PATNA	LACROSSE/MAGNOLIA
P 130	CI 9122/TEXAS PATNA	BRUIN SEL Z
P 131	CI 9122/TEXAS PATNA	P 105
P 132	CI 9122/TEXAS PATNA	KOREAN
P 133	CI 9122/TEXAS PATNA	TAINAN-IKU 487
P 134	CI 9122/TEXAS PATNA	250-2-2/250 * MAGNOLIA
P 135	CI 9122/TEXAS PATNA	250-2-2/250 * MAGNOLIA
F 136	CI 9122/TEXAS PATNA	LACROSSE/4515A20
P 137	CI 9122/TEXAS PATNA	LACROSSE/4515A20
P 138	BLUEBONNET 50/HOLD	LACROSSE/S426A
P 139	BLUEBONNET 50/HOLD	PI 209938
P 140	BLUEBONNET 50/HOLD	P 105
P 141	BLUEBONNET 50/HOLD	TAINAN-IKU 487
P 142	BLUEBONNET 50/HOLD	250-2-2/250 * MAGNOLIA
P 143	BLUEBONNET 50/HOLD	LACROSSE/4515A20
P 144	BLUEBONNET 50/HOLD	LACROSSE/20
P 145	BLUEBONNET 50/HOLD	LACROSSE/4515A20
P 146	BLUEBONNET 50/CF 231	LACROSSE/MAGNOLIA
P 147	BLUEBONNET 50/CF 231	H18 MIX 11-47-11-1
P 148	BLUEBONNET 50/CF 231	BRUIN SEL/2N
P 149	BLUEBONNET 50/CF 231	PI 209938
P 150	BLUEBONNET 50/CF 231	LACROSSE

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 151	BLUEBONNET 50/CP 231	44CS16/LACROSSE * MAGNOLIA
P 152	BLUEBONNET 50/CP 231	PI 162314
P 153	BLUEBONNET 50/CP 231	250-2-2/250 * MAGNOLIA
P 154	BLUEBONNET 50/CP 231	250-2-2/250 * MAGNOLIA
P 155	BLUEBONNET 50/CP 231	LACROSSE/4515A20
P 156	BLUEBONNET 50/CP 231	LACROSSE/4515A20
P 157	BLUEBONNET 50/CP 231	LACROSSE/4515A20
P 158	REXORD	BRJTN SEL/2ENHIN
P 159	REXORD	BRJTN SEL/7
P 160	REXORD	TAINAN-IKU 487
P 161	REXORD	250-2-2/250 * MAGNOLIA
P 162	REXORD	LACROSSE/4515A20
P 163	TEXAS PATNA	LACROSSE/MAGNOLIA
P 164	TEXAS PATNA	PI 209938
P 165	TEXAS PATNA	COLUSA
P 166	TEXAS PATNA	KOREAN
P 167	TEXAS PATNA/KOREAN	HIB MIX 11-49-19-5
P 168	TEXAS PATNA/KOREAN	TAINAN-IKU 487
P 169	TEXAS PATNA/KOREAN	LACROSSE/4515A20
P 170	TEXAS PATNA/KOREAN	LACROSSE/4515A20
P 171	NATO	LACROSSE
P 172	NATO	TAINAN-IKU 487
P 173	KOREAN	LACROSSE/54264
P 174	CI 8993	LACROSSE/MAGNOLIA
P 175	CI 8993	TAINAN-IKU 487
P 176	PI 160-799	PI 162-314
P 177	TAINAN-IKU 487	LACROSSE/54264
P 178	CALORD	STG 55554-5
P 179	CALORD	PI 162-314
P 180	CALORD	PI 160-799
P 181	CALORD	TAINAN-IKU 487
P 182	CALORD	LACROSSE
P 183	TORD	LACROSSE/594264
P 184	TORD	LACROSSE/MAGNOLIA
P 185	TORD	LACROSSE
P 186	TORD	PI 162-314
P 187	TORD	TAINAN-IKU 487
P 188	BLUEBONNET 50	LACROSSE
P 189	BLUEBONNET 50	LACROSSE
P 190	BLUEBONNET 50	TAINAN-IKU 487
P 191	LACROSSE/54264	TAINAN-IKU 487
P 192	LACROSSE	PI 162-314
P 193	CENTURY PATNA/B 4510A	LACROSSE
P 194	CENTURY PATNA/B 4510A	TAINAN-IKU 487
P 195	CENTURY PATNA/B 4510A	LACROSSE/54264
P 196	CENTURY PATNA/B 4510A	BRJTNISSE/2
P 197	CENTURY PATNA/B 4510AL-77	LACROSSE
P 198	CENTURY PATNA/B 4510AL-77	TAINAN-IKU 487
P 199	CENTURY PATNA/B 4510AL-77	LACROSSE/54264
P 200	BLUEBONNET 50	LACROSSE

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 201	BLUEBONNET 50	TAINAN-IKU 487
P 202	BLUEBONNET 50	LACROSSE/5A26A
P 203	BLUEBONNET 50	BRUJNISSE/2
P 204	REXARK ROGUE	LACROSSE
P 205	REXARK ROGUE	TAINAN-IKU 487
P 206	REXARK ROGUE	LACROSSE/5A26A
P 207	REXARK ROGUE	BRUJNISSE/2
P 208	REXARK ROGUE	LACROSSE
P 209	REXARK ROGUE	TAINAN-IKU 487
P 210	REXARK ROGUE	LACROSSE/5A26A
P 211	REXARK ROGUE	BRUJNISSE/2
P 212	TEXAS PATNA	LACROSSE
P 213	TEXAS PATNA	TAINAN-IKU 487
P 214	NATO/LACROSSE / 4515A20	NATO
P 215	CHIRBUA-1-1-2-2	CHIRBUA-1-1-2-2
P 216	ZENITH/PI 160648	ZENITH
P 217	CI 9122 *BBT 50/TAINAN-IKU 487	TAINAN-IKU 487
P 218	TEXAS PATNA/LACROSSE / MAGNOLIA	TEXAS PATNA
P 219	CP 231/TAINAN-IKU 487	TAINAN-IKU 487
P 220	DALORO/PI 16231	PI 162314
P 221	ZENITH/PI 160648	P 105
P 222	P 31	HILL SEL/BLUEBONNET
P 223	P 33	HILL SEL/BLUEBONNET
P 224	P 39	P 105
P 225	P 51	REXARK ROGUE
P 226	P 57	REXARK ROGUE
P 227	P 58	P 105
P 228	P 59	CENTURY PATNA/B 4510A1-77
P 229	P 62	CENTURY PATNA/B 4510A1-77
P 230	P 75	REXORD
P 231	P 83	BLUEBONNET 50/CP 231
P 232	P 84	CP 231
P 233	P 90	TEXAS PATNA 49/REXARK ROGUE
P 234	P 97	CENTURY PATNA/B 4510A1-77
P 235	P 105	REXORD
P 236	P 106	P 105
P 237	P 110	REXORD
P 238	P 111	TEXAS PATNA 49
P 239	P 116	BLUEBONNET 50
P 240		
P 241	P 121	BLUEBONNET 50
P 242	P 121	REXORD
P 243	P 122	CI 9122/BLUEBONNET 50
P 244	P 122	CI 9122/BLUEBONNET 50
P 245	P 131	P 105
P 246	P 142	REXORD
P 247	P 145	CENTURY PATNA/B4510A
P 248	P 150	BLUEBONNET 50
P 249	P 151	BLUEBONNET 50/CP 231
P 250	P 157	REXARK ROGUE

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 251	P 156	REXORO
P 252	P 158	REXORO
P 253	P 159	REXORO
P 254	P 163	TEXAS PATNA 49
P 255	P 163	REXORO
P 256	P 193	CENTURY PATNA/B4510A
P 257	P 193	CENTURY PATNA/B4510A
P 258	P 193	CENTURY PATNA/B4510A
P 259	P 193	CENTURY PATNA/B4510A
P 260	P 193	CENTURY PATNA/B4510A
P 261	P 194	B 517AL-39-1
P 262	P 194	B 517AL-39-1
P 263	P 194	B 517AL-39-1
P 264	P 194	PI 215936
P 265	P 194	TAINAN-IKU 487
P 266	P 209	REXARK ROGUE
P 267	P 209	REXARK ROGUE
P 268	P 209	REXARK ROGUE
P 269	P 194	PI 215936
P 270	P 212	TEXAS PATNA
P 271	P 212	TEXAS PATNA
P 272	CENTURY PATNA/CI 9122	SHINCHIKU-IKU 55
P 273	CENTURY PATNA/CI 9122	SHINCHIKU-IKU 55
P 274	CENTURY PATNA/CI 9122	GULFROSE
P 275	CENTURY PATNA/CI 9122	GULFROSE
P 276	CENTURY PATNA/CI 9122	TAINAN-IKU 487
P 277	CENTURY PATNA/CI 9122	TAINAN-IKU 487
P 278	CENTURY PATNA/CI 9122	PI 180176
P 279	PI 180176	CENTURY PATNA/CI 9122
P 280	DIMA	SHINCHIKU-IKU 55
P 281	DIMA	GULFROSE
P 282	DIMA	GULFROSE
P 283	GULFROSE	DIMA
P 284	DIMA	TAINAN-IKU 487
P 285	DIMA	TAINAN-IKU 487
P 286	DIMA	PI 180176
P 287	DIMA	PI 180176
P 288	CI 9122/TEXAS PATNA	SHINCHIKU-IKU 55
P 289	CI 9122/TEXAS PATNA	GULFROSE
P 290	CI 9122/TEXAS PATNA	TAINAN-IKU 487
P 291	CI 9122/TEXAS PATNA	PI 180176
P 292	CI 9278/TEXAS PATNA	SHINCHIKU-IKU 55
P 293	CI 9278/TEXAS PATNA	SHINCHIKU-IKU 55
P 294	CI 9278/TEXAS PATNA	GULFROSE
P 295	CI 9278/TEXAS PATNA	TAINAN-IKU 487
P 296	CI 9278/TEXAS PATNA	TAINAN-IKU 487
P 297	CI 9278/TEXAS PATNA	PI 180176
P 298	BLUEBONNET 50	SHINCHIKU-IKU 55
P 299	BLUEBONNET 50	SHINCHIKU-IKU 55
P 300	BLUEBONNET 50	SHINCHIKU-IKU 55

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 301	GULFROSE	BLUEBONNET 50
P 302	BLUEBONNET 50	TAINAN-1KU 487
P 303	REXARK ROGUE	SHINCHIKU-1KU 55
P 304	REXARK ROGUE	SHINCHIKU-1KU 55
P 305	REXARK ROGUE	SHINCHIKU-1KU 55
P 306	GULFROSE	REXARK ROGUE
P 307	REXARK ROGUE	TAINAN-1KU 487
P 308	TEXAS PATNA 49	SHINCHIKU-1KU 55
P 309	TEXAS PATNA 49	TAINAN-1KU 487
P 310	B 571AL-40-3	BLUEBONNET 50
P 311	B 572AL-6-7	B 523AL-91-3
P 312	B 572AL-8-3	CI 9122/TEXAS PATNA
P 313	B 572AL-10-3	CI 9122/TEXAS PATNA
P 314	B 5711AL-41-2	BLUEBONNET 50
P 315	B 5711AL-52-1	CI 9122/TEXAS PATNA
P 316	B 5711AL-62-3	BLUEBONNET 50
P 317	B 5711AL-68-2	BLUEBONNET 50
P 318	B 579AL-13-1	BLUEBONNET 50
P 319	B 579AL-26-1	BLUEBONNET 50
P 320	CANILLA	CENTURY PATNA/CI 9122
P 321	CANILLA	BLUEBONNET 50
P 322	CANILLA	REXARK ROGUE
P 323	URABA	CENTURY PATNA/CI 9122
P 324	BLUEBONNET 50	URABA
P 325	GUAYANA BRIT 79	CENTURY PATNA/CI 9122
P 326	GUAYANA BRIT 79	BLUEBONNET 50
P 327	BLUEBONNET 50	GUAYANA BRIT 79
P 328	REXARK ROGUE	GUAYANA BRIT 79
P 329	P 272	CENTURY PATNA/CI 9122
P 330	P 272	BLUEBONNET 50
P 331	P 274	CENTURY PATNA/CI 9122
P 332	P 274	BLUEBONNET 50
P 333	P 275	REXARK ROGUE
P 334	P 279	CENTURY PATNA/CI 9122
P 335	P 281	BLUEBONNET 50
P 336	P 281	DTMA
P 337	P 282	BLUEBONNET 50
P 338	P 284	DTMA
P 339	P 285	BLUEBONNET 50
P 340	P 285	REXARK ROGUE
P 341	P 286	CENTURY PATNA/CI 9122
P 342	P 287	BLUEBONNET 50
P 343	P 288	CI 9122/TEXAS PATNA
P 344	P 283	CI 9278/TEXAS PATNA
P 345	P 301	BLUEBONNET 50
P 346	P 302	BLUEBONNET 50
P 347	P 303	REXARK ROGUE
P 348	P 304	BLUEBONNET 50
P 349	P 304	REXARK ROGUE
P 350	P 306	REXARK ROGUE

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 351	P 236-4T-1T-2T-4T	B 559AL-15
P 352	P 236-4T-1T-2T-4T	B 565AL-28-7
P 353	P 227-4P-4P-6P-2P	B 559AL-15
P 354	P 236-4T-1T-2T-4T	KATAKTARA
P 355	P 227-4P-4P-5P-2P	KATAKTARA
P 356	MEZCLA DE GRANOS	PRACTICAS DE CRUCES
P 357	BELLE PATNA	PANDORY 4/CENTURY PAINA
P 358	BELLE PATNA	SIBADAS
P 359	CP 231/HO 12	DIMA
P 360	CP 231/HO 12	SML 242
P 361	CP 231/HO 12	KBC-140-29
P 362	CP 231/HO 12	BELLE PATNA
P 363	CI 9534	T 79E-8T-1T-1P-2T
P 364	CI 9534	T 103B-2T-2P-1T-1P
P 365	CP 231/HO 12	T 103B-2T-2P-5T-1P
P 366	CP 231/HO 12	T 25-12T-8T-1P-2P
P 367	CP 231/HO 12	BELLE PATNA
P 368	CP 231/HO 12	T 79E-8T-1T-1P-2T
P 369	KATAKTARA	T 79E-8T-1T-1P-2T
P 370	KATAKTARA	T 103B-2T-2P-1T-1P
P 371	KATAKTARA	T 103B-2T-2P-5T-1P
P 372	KATAKTARA	T 40-3T-4T-4P-1P
P 373	CP 231/HO 12	BLUEBONNET 50/PI 184675
P 374	CP 231/CP 231 * HO 12	BLUEBONNET 50/PI 104675
P 375	CP 231/SLO 17	BLUEBONNET 50/PI 164675
P 376	BLUEBONNET 50/SHINCHIKU-1KU 55	CP 231/SLO 17
P 377	T 112E-6T-1P-1T-1P	IR 8-288-3
P 378	T 112E-6P-2T-6P-1T	IR 8-288-3
P 379	T 142F-7P-3T-2P	IR 8-288-3
P 380	KBC-140-29	IR 8-288-3
P 381	IR 8-288-3	K125C 183
P 382	TAICHUNG NATIVE 1	T 143A-5P-3T-2P-1P
P 383	T 112E-6T-1P-1T-1P	IR 8
P 384	T 112E-6T-1P-1T-1P	IR 400
P 385	T 112E-6T-1P-1T-1P	CP SLO 17
P 386	T 112E-6T-1P-1T-1P	IR 262-43-8-11
P 387	T 112E-6T-1P-1T-1P	7N 1
P 388	T 112E-6T-1P-1T-1P	IR 334-21-3
P 389	T 112E-6T-1P-1T-1P	IR 4-67-1
P 390	T 112E-6T-1P-1T-1P	IR 140-23-2
P 391	T 112E-6T-1P-1T-1P	IR 266-1-3
P 392	T 112E-6T-1P-1T-1P	IR 154-23-1-1
P 393	T 112E-6T-1P-1T-1P	IR 154-43-1-2
P 394	T 112E-6T-1P-1T-1P	IR 154-66-2
P 395	T 112E-6T-1P-1T-1P	IR 117-19-1-2
P 396	T 79E-8T-1T-1P-2T	CP SLO17
P 397	T 79E-8T-1T-1P-2T	IR 66-57-2-2-3
P 398	T 79E-8T-1T-1P-2T	IR 224-10-2-3-2
P 399	T 79E-8T-1T-1P-2T	IR 334-21-3
P 400	T 79E-8T-1T-1P-2T	IR 60-17-3-2-1

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 401	T 79E-8T-1T-1P-2T	IR 154-43-1-2
P 402	T 79E-8T-1T-1P-2T	IR 68-57-2-2-3
P 403	T 79E-8T-1T-1P-2T	IR 224-10-2-3-3
P 404	T 79E-8T-1T-1P-2T	IR 154-23-1-1
P 405	T 79E-8T-1T-1P-2T	IR 67-83-3-1
P 406	T 112E-6T-11P-1T-1P	IR 262A-43-8-11
P 407	T 112E-6T-11P-1T-1P	IR 60-17-3-2-1
P 408	T 112E-6T-11P-1T-1P	IR 8-288-3
P 409	T 112E-6T-11P-1T-1P	IR 334-21-3
P 410	T 112E-6T-11P-1T-1P	IR 262-43-8-11
P 411	T 112E-6T-11P-1T-1P	IR 400
P 412	T 112E-6T-11P-1T-1P	IR 286-1-3
P 413	T 143A-5P-3T-2P-1P	IR 262-43-8-11
P 414	T 143A-5P-3T-2P-1P	CP SLD 17
P 415	T 181E-6P-1T-2P	IR 334-21-3
P 416	T 181E-6P-1T-2P	IR 286-1-3
P 417	T 181E-6P-1T-2P	IR 16-85-28-1
P 418	T 181E-6P-1T-2P	IR 60-17-3-2-1
P 419	T 112D-6P-7T-1P-2T	IR 60-17-3-2-1
P 420	T 112D-6P-7T-1P-2T	IR 117-22-1-1
P 421	T 112D-6P-7T-1P-2T	IR 67-83-3-1
P 422	T 112D-6P-7T-1P-2T	CP SLD 17
P 423	T 112D-6P-7T-1P-2T	IR 286-1-3
P 424	T 112D-6P-7T-1P-2T	IR 224-16-1
P 425	T 112D-6P-7T-1P-2T	IR 154-95-3-2
P 426	T 112D-6P-7T-1P-2T	IR 154-61-1-1
P 427	T 112D-6P-7T-1P-2T	IR 262-43-8-11
P 428	T 112D-6P-7T-1P-2T	IR 400
P 429	T 112D-6P-7T-1P-2T	IR 8
P 430	T 112D-6P-7T-1P-2T	IR 224-10-2-3-3
P 431	T 112D-6P-7T-1P-2T	IR 334-21-3
P 432	T 145C-1P-4T-1P-1P	IR 286-1-3
P 433	T 145C-1P-4T-1P-1P	IR 224-10-2-3-3
P 434	T 145C-1P-4T-1P-1P	IR 67-83-3-1
P 435	T 112E-6T-4P-1P	IR 154-36-2
P 436	T 112E-6T-4P-1P	IR 224-10-2-3-3
P 437	T 112E-6T-4P-1P	IR 60-17-3-2-1
P 438	T 112E-6T-4P-1P	IR 286-1-3
P 439	T 112E-6T-4P-1P	IR 262-43-8-11
P 440	T 112E-6T-4P-1P	IR 8-288-3
P 441	T 112E-6T-4P-1P	IR 4-67-1
P 442	T 112E-6T-1P-1T-1P	IR 68-141-2-2
P 443	T 112E-6T-1P-1T-1P	IR 272-2-6-3
P 444	T 112E-6T-1P-1T-1P	IR 127-2-2-19
P 445	T 112E-6T-1P-1T-1P	IR 68-141-3-1
P 446	T 79E-8T-1T-1P-2T	IR 456-12-2
P 447	T 79E-8T-1T-1P-2T	IR 154-77-2-1
P 448	T 112E-6T-11P-1T-1P	IR 117-19-1-2
P 449	T 112E-6T-11P-1T-1P	IR 224-16-1
P 450	T 112E-6T-11P-1T-1P	IR 66-151-1-1

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 451	T 181E-6P-1T-2P	IR 224-16-1
P 452	T 112D-6P-7T-1P-2T	IR 456-12-2
P 453	T 112D-6P-7T-1P-2T	TN 1
P 454	T 112D-6P-7T-1P-2T	IR 4-67-1
P 455	T 112D-6P-7T-1P-2T	IR 400
P 456	T 142F-7P-3T-2P	IR 154-23-1-1
P 457	T 142F-7P-3T-2P	IR 60-17-3-2-1
P 458	T 142F-7P-3T-2P	IR 16-85-28-1
P 459	T 142F-7P-3T-2P	IR 224-16-1
P 460	T 142F-7P-3T-2P	IR 8-5-41
P 461	T 142E-1P-4T-1P-1P	IR 154-54-1
P 462	T 181E-6P-1T-2P	IR 198-27-3-1
P 463	T 181E-6P-1T-2P	IR 154-54-1
P 464	T 112E-6T-11P-1T-1P	IR 198-27-3-1
P 465	T 112E-6T-11P-1T-1P	IR 239-11-2
P 466	T 112E-6T-11P-1T-1P	IR 456-12-2
P 467	T 142F-7P-3T-2P	IR 66-1-1
P 468	T 142F-7P-3T-2P	IR 127-2-2-19
P 469	T 112D-6P-7T-1P-2T	IR 198-27-3-1
P 470	T 112D-6P-7T-1P-2T	IR 4-67-1
P 471	T 112E-6T-1P-2T-1P	IR 16-85-2-4-1-2/1089
P 472	T 112E-6T-1P-2T-1P	IR 154-77-2-1/1090
P 473	T 112E-6T-1P-2T-1P	IR 224-16-1
P 474	T 112E-6T-1P-2T-1P	IR 239-149-1
P 475	T 112E-6T-1P-2T-1P	IR 272-2-6-3
P 476	T 112E-6T-1P-2T-1P	IR 66-103-2
P 477	T 112E-6T-1P-2T-1P	IR 68-256-3-2
P 478	T 112E-6T-1P-2T-1P	IR 8-4771-10
P 479	T 112E-6T-1P-2T-1P	IR 224-16-1
P 480	T 112E-6T-1P-2T-1P	IR 239-11-2
P 481	T 112E-6T-1P-2T-1P	IRU 54-54-1
P 482	T 112E-6T-1P-2T-1P	IR 139-149-1
P 483	T 112E-6T-1P-2T-1P	IR 456-12-2
P 484	T 112E-6T-1P-2T-1P	IR 8-41
P 485	T 112E-6T-1P-2T-1P	IR 16-85-2-4-1-2
P 486	T 112E-6T-1P-2T-1P	IR 16-85-28-1
P 487	T 112E-6T-1P-2T-1P	IR 8
P 488	T 142F-7P-3T-2P	IR 127-2-2-19
P 489	T 142F-7P-3T-2P	IR 154-36-2
P 490	T 142F-7P-3T-2P	IR 239-149-1
P 491	T 142F-7P-3T-2P	IR 154-77-2-1
P 492	BLUEBONNET 50	T 112E-6T-4P-2T-1P
P 493	100329	100328
P 494	100328	100320
P 495	T 112E-6T-4P-2T-1P	BLUEBONNET 50
P 496	T 112E-6T-1P-2T-1P	TN 1
P 497	T 112E-6T-11P-1T-1P	TN 1
P 498	T 112D-7P-5T-1P-2T	TN 1
P 499	T 112D-6P-2T-6P-1T	TN 1
P 500	T 112D-6P-2T-9P-1T	TN 1

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 501	T 112D-6T-4P-2T-1P	TN 1
P 502	T 142F-7P-3T-2P	TN 1
P 503	T 143A-5P-3T-2P-1P	TN 1
P 504	T 145C-1P-4T-1P-1P	TN 1
P 505	KBC-140-29	TN 1
P 506	K125C 183	TN 1
P 507	NAPAL	TN 1
P 508	DAWN	TN 1
P 509	T 181E-6P-1T-2P	TN 1
P 510	T 181C-3P-2T-2T-2T	TN 1
P 511	T 240C-2T-2T-1T-1T	TN 1
P 512	T 112E-6T-1P-2T-1P	IR 8-288-3
P 513	T 112E-6T-11P-1T-1P	IR 8-288-3
P 514	T 112D-7P-5T-1P-2T	IR 8-288-3
P 515	T 112D-6P-2T-6P-1T	IR 8-288-3
P 516	T 112D-6P-2T-9P-1T	IR 8-288-3
P 517	T 112E-6T-4P-2T-1P	IR 8-288-3
P 518	T 142F-7P-3T-2P	IR 8-288-3
P 519	T 143A-5P-3T-2P-1P	IR 8-288-3
P 520	T 145C-1P-4T-1P-1P	IR 8-288-3
P 521	K125C 183	IR 8-288-3
P 522	NAPAL	IR 8-288-3
P 523	DAWN	IR 8-288-3
P 524	T 181E-6P-1T-2P	IR 8-288-3
P 525	T 181C-3P-2T-2T-2T	IR 8-288-3
P 526	T 240C-2T-2T-1T-1T	IR 8-288-3
P 527	IR 8-288-3	KBC-140-29
P 528	DAWN	T 112E-6T-1P-2T-1P
P 529	DAWN	T 112E-5T-11P-1T-1P
P 530	DAWN	T 112D-7P-5T-1P-2T
P 531	DAWN	T 112D-6P-2T-6T-1T
P 532	DAWN	T 112E-6T-4P-2T-1P
P 533	DAWN	T 142F-7P-3T-2P
P 534	DAWN	T 145C-1P-4T-1P-1P
P 535	DAWN	KBC-140-29
P 536	DAWN	K125C 183
P 537	DAWN	NAPAL
P 538	DAWN	GULFROSE/KBC-140-46
P 539	DAWN	T 181E-3P-2T-2T-2T
P 540	DAWN	T 240C-2T-2T-1T-1T
P 541	T 79E-8T-1T-1P-2T	CP 5L0/2
P 542	T 112E-6T-1P-1T-1P	CP 5L0/2
P 543	T 143A-5P-3T-2P-1P	CP 5L0/2
P 544	IR 8/IR 8	T 112D-6P-7T-1P-2T
P 545	IR 8/IR 8	T 142F-7P-3T-2P
P 546	BP1/T 172/2	T 112D-7P-5T-1P-2T
P 547	T 142F-7P-3T-2P	IR 16-85-28-1 / 2
P 548	IR 66-17-3-2-1 / 2	T 112E-6T-4P-2T-1P
P 549	IR 66-17-3-2-1 / 2	T 112D-6P-7T-1P-2T
P 550	IR 66-17-3-2-1 / 2	T 142F-7P-3T-2P

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 551	IR 60-17-3-2-1 / 2	T 181E-6P-1T-2P
P 552	T 112E-6T-1P-2T-1P	IR 66-10J-2 / 2
P 553	IR 66-151-1-1 / 2	T 112E-6T-11P-1T-1P
P 554	IR 66-151-1-1 / 2	T 143A-5P-3T-2P-1P
P 555	IR 67-83-3-1 / 2	T 79E-8T-1T-1P-2T
P 556	IR 67-83-3-1 / 2	T 112D-6P-7T-1P-2T
P 557	IR 67-83-3-1 / 2	T 145C-1P-4T-1P-1P
P 558	T 79E-8T-1T-1P-2T	IR 68-57-2-2-3 / 2
P 559	IR 68-141-2-2 / 2	T 112E-6T-1P-1T-1P
P 560	IR 117-19-1-2 / 2	T 112E-6T-1P-1T-1P
P 561	IR 117-19-1-2 / 2	T 112E-6T-11P-1T-1P
P 562	IR 154-36-2 / 2	T 112E-6T-4P-2T-1P
P 563	IR 154-43-1-2 / 2	T 112E-6T-1P-1T-1P
P 564	IR 154-54-1 / 2	T 112D-7P-5T-1P-2T
P 565	IR 154-54-1 / 2	T 145C-1P-4T-1P-1P
P 566	IR 154-54-1 / 2	T 181E-6P-1T-2P
P 567	IR 154-61-1-1 / 2	T 112D-6P-7T-1P-2T
P 568	IR 154-77-2-1 / 2	T 79E-8T-1T-1P-2T
P 569	IR 154-77-2-1 / 2	T 112E-6T-1P-2T-1P
P 570	IR 154-77-2-1 / 2	T 142F-7P-3T-2P
P 571	IR 154-95-3-2 / 2	T 112D-6P-7T-1P-2T
P 572	IR 154-95-3-2 / 2	T 142F-7P-3T-2P
P 573	IR 198-27-3-1 / 2	T 112D-6P-7T-1P-2T
P 574	IR 198-27-3-1 / 2	T 181E-6P-1T-2P
P 575	T 79E-8T-1T-1P-2T	IR 224-10-2-3-3 / 2
P 576	IR 224-10-2-3-3 / 2	T 112E-6T-4P-2T-1P
P 577	IR 224-10-2-3-3 / 2	T 145C-1P-4T-1P-1P
P 578	IR 224-16-1 / 2	T 112D-6P-7T-1P-2T
P 579	IR 224-16-1 / 2	T 112D-7P-5T-1P-2T
P 580	IR 224-16-1 / 2	T 112E-6T-1P-2T-1P
P 581	IR 224-16-1 / 2	T 112E-6T-11P-1T-1P
P 582	IR 224-16-1 / 2	T 142F-7P-3T-2P
P 583	IR 224-16-1 / 2	T 181E-6P-1T-2P
P 584	IR 239-11-2 / 2	T 112D-7P-5T-1P-2T
P 585	IR 239-11-2 / 2	T 112D-6T-11P-1T-1P
P 586	IR 239-149-1	T 112D-7P-5T-1P-2T
P 587	IR 239-149-1	T 112E-6T-1P-2T-1P
P 588	IR 239-149-1	T 142F-7P-3T-2P
P 589	IR 262443-6-11	T 112E-6T-4P-2T-1P
P 590	IR 262443-6-11	T 112E-6T-11P-1T-1P
P 591	IR 272-2-6-3	T 112E-6T-1P-1T-1P
P 592	IR 272-2-6-3	T 112E-6T-1P-2T-1P
P 593	IR 286-1-3	T 112D-6P-7T-1P-2T
P 594	IR 286-1-3	T 112E-6T-1P-1T-1P
P 595	IR 286-1-3	T 112E-6T-4P-2T-1P
P 596	IR 286-1-3	T 112E-6T-11P-1T-1P
P 597	IR 286-1-3	T 181E-6P-1T-2P
P 598	IR 286-1-3	T 145C-1P-4T-1P-1P
P 599	IR 334-21-3	T 79E-8T-1T-1P-2T
P 600	IR 334-21-3	T 112E-6T-1T-1P-1T

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 601	IR 334-21-3	T 1120-6T-7P-1P-2T
P 602	IR 334-21-3	T 181E-6P-1T-2P
P 603	IR 456-12-2	T 79E-8T-1T-1P-2T
P 604	IR 456-12-2	T 1120-6P-7T-1P-2T
P 605	IR 456-12-2	T 1120-7P-5T-1P-2T
P 606	IR 456-12-2	T 112E-6T-11P-1T-1T
P 607	IR 456-12-2	P 393
P 608	IR 456-12-2	P 425
P 609	IR 456-12-2	P 426
P 610	IR 456-12-2	P 415
P 611	P 530	IR 154-54-1
P 612	P 531	IR 154-54-1
P 613	P 535	IR 154-54-1
P 614	P 536	IR 154-54-1
P 615	P 537	IR 154-54-1
P 616	P 538	IR 154-54-1
P 617	P 530	IR 154-123-1-1
P 618	P 531	IR 154-123-1-1
P 619	P 535	IR 154-123-1-1
P 620	P 537	IR 154-123-1-1
P 621	P 530	IR 239-11-2
P 622	P 537	IR 239-11-2
P 623	P 535	IR 239-11-2
P 624	P 536	IR 239-11-2
P 625	P 537	IR 239-11-2
P 626	P 538	IR 239-11-2
P 627	P 538	IR 262A-43-8-11
P 628	P 535	IR 262A-43-8-11
P 629	P 536	IR 262A-43-8-11
P 630	P 537	IR 262A-43-8-11
P 631	P 538	IR 262A-43-8-11
P 632	P 530	IR 272-2-6-3
P 633	P 531	IR 272-2-6-3
P 634	P 536	IR 272-2-6-3
P 635	P 530	IR 286-1-3
P 636	P 531	IR 286-1-3
P 637	P 535	IR 286-1-3
P 638	P 536	IR 286-1-3
P 639	P 537	IR 286-1-3
P 640	IR 269-12	P 399
P 641	IR 269-12	P 416
P 642	IR 269-12	P 417
P 643	IR 269-12	P 439
P 644	IR 269-12	P 441
P 645	IR 269-12	P 443
P 646	P 475	IR 269-12
P 647	IR 329-14	P 401
P 648	IR 329-14	P 403
P 649	IR 329-14	P 416
P 650	IR 329-14	P 439

NO. CRUCE	PROGENITOR	FEMENINO	PROGENITOR MASCULINO
P 651	IR 329-14		P 441
P 652	IR 329-14		P 443
P 653	IR 329-14		P 447
P 654	IR 329-14		P 461
P 655	IR 329-14		P 475
P 656	IR 329-14		P 483
P 657	IR 126-153		P 399
P 658	IR 126-153		P 401
P 659	IR 126-153		P 403
P 660	IR 126-153		P 416
P 661	IR 126-153		P 439
P 662	IR 126-153		P 441
P 663	IR 126-153		P 443
P 664	IR 126-153		P 447
P 665	IR 126-153		P 461
P 666	IR 126-153		P 475
P 667	IR 126-153		P 483
P 668	IR 8		IR 269
P 669	IR 8		IR 233
P 670	IR 8		IR 126
P 671	IR 8		DAWN
P 672	IR 12		BLUEBELLE/2/TN 1
P 673	IR 12		BLUEBELLE/2/L YA134
P 674	IR 12		BLUEBELLE/SINAGADAS
P 675	IR 262		BLUEBELLE/2/TN 1
P 676	IR 262		BLUEBELLE/2/L YA134
P 677	IR 262		BLUEBELLE/SINAGADAS
P 678	IR 284		IR 8
P 679	IR 284		NEVAXIGE
P 680	IR 284		PETA/3 * TN 1/TM-6
P 681	IR 284		PETA/3/TN 1
P 682	IR 291		BLUEBELLE/2/TN 1
P 683	IR 291		BLUEBELLE/2/L YA134
P 684	IR 291		BLUEBELLE/SINAGADAS
P 685	IR 291		IR 532-E77
P 686	IR 532		BLUEBELLE/2/L Y0134
P 687	IR 532		BLUEBELLE/SINAGADAS
P 688	IR 532		DAWN
P 689	IR 532		BLUEBELLE/2/TN 1
P 690	IR 532		BLUEBELLE/2/L YA134
P 691	IR 532		BLUEBELLE/SINAGADAS
P 692	IR 532		DAWN
P 693	M1 FB322		IR 334
P 694	DAWN		IR 334
P 695	DAWN		IR 334
P 696	ICA 10		IR 95-23
P 697	ICA 10		IR 4-114
P 698	ICA 10		IR 12-278
P 699	ICA 10		IR 532-E77
P 700	IR 271-22		IR 95-23

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 701	IR 271	IR 4-114
P 702	IR 271	IR 12-178
P 703	IR 271	IR 532-E79
P 704	IR 272-2	IR 95-23
P 705	IR272-2	IR4-114
P 706	IR272-2	IR12-178
P 707	IR272-2	IR532-E79
P 708	IR313-7	IR95-23
P 709	IR313-7	IR4-114
P 710	IR313-7	IR12-178
P 711	IR313-7	IR532-E79
P 712	IRB	DAMN
P 713	IR329-14-1-3-3	(IR532E79 X DAMN)
P 714	IR329-14-1-3-3	(IRB X (B. BELLE/2 X TN))
P 715	IR329-14-1-3-3	(IR532E79 X DAMN)
P 716	IR329-14-1-3-3	(IRB X (B. BELLE/2 X TN))
P 717	IR126-153-4-3	(IR532E79 X DAMN)
P 718	IR126-153-4-3	IR269-12-1-2
P 719	IRB	IR334-20-1-2
P 720	IR12	IR334-20-1-2
P 721	IRJ30-343	IR456-12-2
P 722	P712	IR532-1-33
P 723	IR930-2	IR822-432
P 724	IR930-2	IR579-101-2
P 725	IR930-2	IR532-1-33
P 726	IR930-2	IR532-E208
P 727	IR930-2	IR532-E293
P 728	IR930-2	IR579-16-1
P 729	IR930-36	IR822-432
P 730	IR930-36	IR579-101-2
P 731	IR930-36	IR579-160
P 732	IR930-36	IR532-1-33
P 733	IR930-36	IR532-E208
P 734	IR930-36	IR532-E293
P 735	IR930-36	IR662-1-108-5
P 736	IR930-53	IR822-80
P 737	IR930-53	IR579-101-2
P 738	IR930-53	IR579-160
P 739	IR930-53	IR532-1-33
P 740	IR930-53	IR532-2293
P 741	IR930-53	IR532-2293
P 742	IR930-53	IR662-1-108-3
P 743	IR930-53	IR577-16-1
P 744	IR822-80	IR730-73
P 745	IR930-73	IR822-432
P 746	IR930-73	IR579-101-2
P 747	IR930-73	IR579-160
P 748	IR930-73	IR532-1-33
P 749	IR930-73	IR532-2203
P 750	IR930-73	IR532-2293

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 751	IR930-73	IR662-1-108-5
P 752	IR930-73	IR579-16-7
P 753	IR930-80	IR822-432
P 754	IR930-80	IR532-1-33
P 755	IR930-80	IR532-E293
P 756	IR930-80	IR579-16-1
P 757	IR579-16-1	IR532-1-33
P 758	IR579-16-1	IR532-E208
P 759	IR579-16-1	IR532-E293
P 760	IR577-38-2-2	IR532-1-33
P 761	IR577-38-2-2	IR532-E208
P 762	IR577-38-2-2	IR532-E293
P 763	IR586-12-1-3	IR532-1-33
P 764	IR586-12-1-3	IR532-2208
P 765	IR586-12-1-3	IR532-2223
P 766	IR822-80	IR930-53
P 767	IR334-20	IR532-1-33
P 768	IR334-20	IR532-2208
P 769	T5070-33-1P-1	IR930-53
P 770	T5020-37-5P-3	IR930-2
P 771	IR822-80	IR930-2
P 772	IR930-2	IR579-160
P 773	IR930-2	IR662-1-108-5
P 774	IR822-80	IR930-36
P 775	IR930-36	IR579-16-1
P 776	IR930-53	IR822-432
P 777	IR822-80	IR930-80
P 778	IR930-80	IR579-101
P 779	IR930-80	IR579-160
P 780	IR930-80	IR532-E208
P 781	IR930-80	IR662-1-108-5
P 782	T5070-3P-1P-1	IR930-2
P 783	T5070-3P-1P-1	IR930-36
P 784	T5070-32-1P-1	IR930-73
P 785	T5070-3P-1P-1	IR930-80
P 786	T5070-3P-5P-3	IR930-36
P 787	T5070-3P-5P-3	IR930-53
P 788	T5070-3P-5P-3	IR930-73
P 789	T5070-3P-5P-3	IR930-80
P 790	IR930-2	IR665-31-2-4
P 791	IR930-2	IR665-31-5-8
P 792	IR930-2	IR665-31-6-5
P 793	IR930-2	IR665-31-7-4
P 794	IR930-36	IR665-31-2-4
P 795	IR930-36	IR665-31-5-8
P 796	IR930-36	IR665-31-6-5
P 797	IR930-36	IR665-31-7-4
P 798	IR930-53	IR665-31-2-4
P 799	IR930-53	IR665-31-5-8
P 800	IR930-53	IR665-31-6-5

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 801	IR930-53	IR665-31-7-4
P 802	IR930-73	IR665-31-2-4
P 803	IR930-73	IR665-31-5-8
P 804	IR930-73	IR665-31-6-5
P 805	IR930-73	IR665-31-7-4
P 806	IR506-25-3-6	IR579-97-160
P 807	IR506-25-3-6	IR579-48-12
P 808	IR506-25-3-6	IR579-160-2
P 809	IR506-25-3-6	T319E-2M-2M-1M-1M
P 810	IR634-14-4-7	IR579-97-160
P 811	IR634-14-4-7	IR579-48-1-2
P 812	IR634-14-4-7	IR579-160-2
P 813	IR634-14-4-7	T319E-2M-2M-1M-1M
P 814	IR634-34-2-5	IR579-97-160
P 815	IR634-34-2-5	IR579-48-1-2
P 816	IR634-34-2-5	IR579-160-2
P 817	IR634-34-2-5	T319E-2M-2M-1M-1M
P 818	IR662-1-20-4-6	IR579-97-160
P 819	IR662-1-20-4-6	IR579-48-1-2
P 820	IR662-1-20-4-6	IR579-160-2
P 821	IR662-1-20-4-6	T319-2M-2M-1M-1M
P 822	IR665-1-3-3	IR579-97-160
P 823	IR665-1-3-3	IR579-48-1-2
P 824	IR665-1-3-3	IR579-160-2
P 825	IR665-1-3-3	T319E-2M-2M-1M-1M
P 826	IR665-33-2-5	IR579-97-160
P 827	IR665-33-2-5	IR579-48-1-2
P 828	IR665-33-2-5	IR579-160-2
P 829	IR665-33-2-5	T319E-2M-2M-1M-1M
P 830	IR841-63-4	IR579-07-160
P 831	IR841-63-4	IR579-48-1-2
P 832	IR841-63-4	IR579-160-2
P 833	IR841-63-4	T319E-2M-2M-1M-1M
P 834	IR930-51-1	IR579-97-160
P 835	IR930-51-1	IR579-48-1-2
P 836	CICAA	IR579-160-2
P 837	CICAA	T319E-2M-2M-1M-1M
P 838	IR930-147-5	IR579-97-160
P 839	IR930-147-5	IR579-48-1-2
P 840	IR930-147-5	IR579-160-2
P 841	IR930-147-5	T319E-2M-2M-1M-1M
P 842	IR930-147-8	IR579-97-160
P 843	IR930-147-8	IR579-48-1-2
P 844	IR930-147-8	IR579-160-2
P 845	IR930-147-8	T319E-2M-2M-1M-1M
P 846	IR930-147-13	IR579-97-160
P 847	IR930-147-13	IR579-48-1-2
P 848	IR930-147-13	IR579-160-2
P 849	IR930-147-13	T319E-2M-2M-1M-1M
P 850	IR661-1-140-3	IR579-97-160

NO. CRUCE	PROGENITOR FEMENTINO	PROGENITOR MASCULINO
P 851	IR661-1-140-3	IR579-48-1-2
P 852	IR661-1-140-3	COL 1
P 853	IR661-1-140-3	COL 1
P 854	IR665-33-5-8	P-809
P 855	IR665-33-5-8	P-813
P 856	IR665-33-5-8	P-817
P 857	IR665-33-5-8	P-821
P 858	IR665-33-5-8	P-825
P 859	IR665-33-5-8	P-829
P 860	IR665-33-5-8	P-833
P 861	IR665-33-5-8	P-837
P 862	IR665-33-5-8	P-841
P 863	IR665-33-5-8	P-845
P 864	IR665-33-5-8	P-849
P 865	IR665-33-5-8	P-853
P 866	IR930-31-10	P-809
P 867	IR930-31-10	P-817
P 868	IR930-31-10	P-821
P 869	IR930-31-10	P-833
P 870	IR930-31-10	P-837
P 871	IR930-31-10	P-841
P 872	IR930-31-10	P-845
P 873	IR930-31-10	P-849
P 874	IR930-31-10	P-853
P 875	IR579-160-2	P-809
P 876	IR579-160-2	P-817
P 877	IR579-160-2	P-821
P 878	IR579-160-2	P-833
P 879	IR579-160-2	P-837
P 880	IR579-160-2	P-841
P 881	IR579-160-2	P-845
P 882	IR579-160-2	P-849
P 883	IR579-160-2	P-853
P 884	IR665-33-5-8	TETEP
P 885	IR665-33-5-8	MANDRIAKA
P 886	IR665-33-5-8	DISSI HATIF
P 887	IR665-33-5-8	C46-15
P 888	IR665-23-3-1	TETEP
P 889	IR665-23-3-1	MANDRIAKA
P 890	IR665-23-3-1	DISSI HATIF
P 891	IR665-23-3-1	C46-15
P 892	IR841-63-5-104-18	TETEP
P 893	IR841-63-5-104-18	DISSI HATIF
P 894	IR841-63-5-104-18	C46-15
P 895	IR665-23-3-1	P884
P 896	IR665-23-3-1#2	P888
P 897	IR665-23-3-1#2	P890
P 898	IR665-23-3-1#2	P891
P 899	IR665-23-3-1	F892
P 900	IR665-23-3-1	P893

NO. CRUCE	PROGENITOR	FEMENINO	PROGENITOR MASCULINO
P 901	IR665-23-3-1		P894
P 902	P885		IR665-23-3-1
P 903	P886		IR665-23-3-1
P 904	P887		IR665-23-3-1
P 905	P889		MAMORIAKA
P 906	IR841-63-5-104-1B		P884
P 907	IR841-63-5-104-1B		P888
P 908	IR841-63-5-104-1B		P890
P 909	IR841-63-5-104-1B		P891
P 910	VAR. 9		P892
P 911	VAR. 9		P893
P 912	VAR. 9		P894
P 913	P 885		VAR. 9
P 914	P 886		VAR. 9
P 915	P 887		VAR. 9
P 916	P 889		VAR. 9
P 917	CICA 4		P884
P 918	CICA 4		P888
P 919	CICA 4		P890
P 920	CICA 4		P891
P 921	CICA 4		P892
P 922	CICA 4		P893
P 923	CICA 4		P894
P 924	P 885		CICA 4
P 925	P 886		CICA 4
P 926	P 887		CICA 4
P 927	P 889		CICA 4
P 928	P-835		C46-15
P 929	C46-15		P-836
P 930	P-838		C46-15
P 931	P-839		C46-15
P 932	P-842		C46-15
P 933	P-843		C46-15
P 934	P-844		C46-15
P 935	P-848		C46-15
P 936	P-835		TETEP
P 937	P-836		TETEP
P 938	P-838		TETEP
P 939	P-839		TETEP
P 940	P-842		TETEP
P 941	P-843		TETEP
P 942	P-844		TETEP
P 943	P-848		TETEP
P 944	P-835		MAMORIAKA
P 945	P-836		MAMORIAKA
P 946	P-838		MAMORIAKA
P 947	P-839		MAMORIAKA
P 948	P-842		MAMORIAKA
P 949	P-843		MAMORIAKA
P 950	P-844		MAMORIAKA

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 951	P-848	MAMORIKA
P 952	P-835	DISSI HATIF
P 953	P-836	DISSI HATIF
P 954	P-838	DISSI HATIF
P 955	P-839	DISSI HATIF
P 956	P-842	DISSI HATIF
P 957	P-843	DISSI HATIF
P 958	P-844	DISSI HATIF
P 959	P-848	DISSI HATIF
P 960	IR305	P-886
P 961	P-887	IR305
P 962	IR305	P-888
P 963	IR305	P-889
P 964	CICA 4	ICA-10
P 965	IR665-23-3-1-1B-279	ICA-10
P 966	SEL 13	IR 665-23-3-1-1B-279X /CA-1
P 967	CICA 4	CICA 4 X ICA 10)
P 968	P868B-24-5	P-881-19-14-10
P 969	P881-19-24-8	P-881-19-14-10
P 970	P881-19-24-5	P-881-19-14-10
P 971	P881-19-24-4	P-881-19-14-10
P 972	P880-7-4-11	P-881-19-14-10
P 973	P868B-24-5	P881-19-24-5
P 974	P868B-24-5	P881-19-24-8
P 975	P868B-24-5	P881-19-24-4
P 976	P868B-24-5	P880-7-4-11
P 977	P881-19-24-5	P881-19-24-8
P 978	P881-19-24-5	P881-19-24-4
P 979	P881-19-24-5	P880-7-4-11
P 980	P881-19-24-8	P880-7-4-11
P 981	P881-19-24-8	P881-19-24-4
P 982	P880-7-4-11	P881-19-24-4
P 983	P726-239-1-2	P880-7-4-11
P 984	P726-239-1-2	P881-19-14-10
P 985	P726-239-1-2	P881-19-24-4
P 986	P726-239-1-2	P881-19-24-5
P 987	P726-239-1-2	P881-19-24-8
P 988	P726-239-1-2	P-868B-24-5
P 989	P728-33-3-2	P880-7-4-11
P 990	P728-33-3-2	P881-19-14-10
P 991	P728-33-3-2	P-881-19-24-4
P 992	P728-33-3-2	P-881-19-24-5
P 993	P728-33-3-2	P881-19-24-8
P 994	P728-33-3-2	P-868B-24-5
P 995	F7 P738-137-3-1	PE80-7-4-11
P 996	F7 P738-137-3-1	P881-19-14-10
P 997	P738-137-3-1	P-881-19-24-4
P 998	P738-137-3-1	P881-19-24-5
P 999	P738-137-3-1	P-881-19-24-8
P 1000	P738-137-3-1	P-868B-24-5

NEL. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1001	F758-177-1-1	P880-7-4-11
P 1002	F758-177-1-1	P881-19-14-10
P 1003	F758-177-1-1	P881-19-24-4
P 1004	F758-177-1-1	P881-19-24-5
P 1005	F758-177-1-1	P881-19-24-8
P 1006	F758-177-1-1	P8688-24-5
P 1007	F761-40-2-1	P880-7-4-11
P 1008	F761-40-2-1	P-881-19-14-10
P 1009	F761-40-2-1	P-881-19-24-4
P 1010	F761-40-2-1	P-881-19-24-5
P 1011	F761-40-2-1	P-881-19-24-8
P 1012	F761-40-2-1	P8688-24-5
P 1013	F761-141-3-3	P880-7-4-11
P 1014	F761-141-3-3	P881-19-14-10
P 1015	F761-141-3-3	P881-19-24-4
P 1016	F761-141-3-3	P-881-19-24-5
P 1017	F761-141-3-3	P-881-19-24-8
P 1018	F761-141-3-3	P-8688-24-5
P 1019	F726-239-1-2	TETEP
P 1020	F728-33-3-2	TETEP
P 1021	F738-137-3-1	TETEP
P 1022	F758-177-1-1	TETEP
P 1023	F761-40-2-1	TETEP
P 1024	F761-141-3-3	TETEP
P 1025	IRS	P888-14-2
P 1026	IRS	P 895-5-7
P 1027	IRS	P918-15-7
P 1028	IRS	P918-48-6
P 1029	IRS	P918-54-1
P 1030	P888-14-2	P888-36-1
P 1031	CICA 4	P866-11-17-2-1
P 1032	CICA 4	P866-11-17-3-1
P 1033	P984	P985
P 1034	P987	P988
P 1035	P996	P1000
P 1036	P999	P998
P 1037	P1001	P1006
P 1038	P1007	P1009
P 1039	P1008	P1010
P 1040	P1011	P1012
P 1041	F780-55-1-1	P753-60-3-1
P 1042	F738-137-4-1	P723-6-3-1
P 1043	F726-239-1-2	P936
P 1044	F738-137-3-1	P997
P 1045	F726-239-1-2	P726-239-1-2
P 1046	F792-47-2-2	P1020
P 1047	F738-137-3-1	P1021
P 1048	F780-55-1-1	P1022
P 1049	F738-137-4-1	P1023
P 1050	F761-141-3-3	P1024

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1051	P838-89-1-2-2	P809-9-1-2-3
P 1052	P817-104-1-1-1	P838-68-3-3-1
P 1053	P817-104-1-1-1B	P838-25-3-1-3
P 1054	P817-104-1-1-2	P838-56-2-3-18
P 1055	P837-62-2-1-1	P838-68-3-3-1
P 1056	P726-239-1-2	MONDLAYA DORADO
P 1057	P738-97-3-1	MONDLAYA DORADO
P 1058	P738-137-3-1	MONDLAYA DORADO
P 1059	P758-30-2-1	MONDLAYA DORADO
P 1060	P780-55-1-1	MONDLAYA DORADO
P 1061	P761-45-1-1	MONDLAYA DORADO
P 1062	IR5-64-2-2	MONDLAYA DORADO
P 1063	CICA 4	MONDLAYA DORADO
P 1064	P738-137-4-1	MONDLAYA DORADO
P 1065	P739-16-3-3	MONDLAYA DORADO
P 1066	P761-86-1-3	MONDLAYA DORADO
P 1067	IR22	P962-14-9
P 1068	P962-14-9	P962-14-11
P 1069	IR22	P962-14-21
P 1070	IR22	P962-17-3
P 1071	P962-13-1	P962-18-8
P 1072	IR5-64-2-2	KATAKTARA
P 1073	CICA4	KATAKTARA
P 1074	P738-97-3-1	KATAKTARA
P 1075	P758-30-2-1	KATAKTARA
P 1076	P780-55-1-1	KATAKTARA
P 1077	P738-137-4-1	TETEP
P 1078	P739-16-3-3	TETEP
P 1079	P761-45-1-1	TETEP
P 1080	P761-86-1-3	TETEP
P 1081	P780-55-1-1	TETEP
P 1082	IR5	TETEP
P 1083	IR5-64-2-2	IAC 5544
P 1084	P780-55-1-1	IAC5544
P 1085	P738-97-3-1	IAC5544
P 1086	P792-47-2-2	IAC5544
P 1087	P738-137-4-1	IAC5544
P 1088	IR5-64-2-2	PEROLA
P 1089	P780-55-1-1	PEROLA
P 1090	P738-97-3-1	PEROLA
P 1091	P792-47-2-2	PEROLA
P 1092	P738-137-4-1	PEROLA
P 1093	IR5-64-2-2	GEN 61/1131
P 1094	P780-55-1-1	GEN 61/1131
P 1095	P738-97-3-1	GEN 61/1131
P 1096	P792-47-2-2	GEN 61/1131
P 1097	P738-137-4-1	GEN 61/1131
P 1098	IR5-64-2-2	IAC1246
P 1099	P780-55-1-1	IAC1246
P 1100	P738-97-3-1	IAC1246

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1101	P792-47-2-2	IAC1246
P 1102	P738-137-4-1	IAC1246
P 1103	IR5-64-2-2	GEN 64/25
P 1104	P780-55-1-1	GEN 64/25
P 1105	P738-97-3-1	GEN 64/25
P 1106	P792-47-2-2	GEN 64/25
P 1107	P738-137-4-1	GEN 64/25
P 1108	IR5-64-2-2	IAC47
P 1109	P780-55-1-1	IAC47
P 1110	P738-97-3-1	IAC47
P 1111	P792-47-2-2	IAC47
P 1112	P738-137-4-1	IAC47
P 1113	IR5-64-2-2	PRATAO PRECOCE
P 1114	P780-55-1-1	PRATAO PRECOCE
P 1115	P738-97-3-1	PRATAO PRECOCE
P 1116	P792-47-2	PRATAO PRECOCE
P 1117	P738-137-4-1	PRATAO PRECOCE
P 1118	P738-137-4-1	P1043
P 1119	P780-55-1-1	P1045
P 1120	P738-97-3-1	P1046
P 1121	P738-9-3-1	P1047
P 1122	P780-55-1-1	P1048
P 1123	P738-137-4-1	P1049
P 1124	P738-137-4-1	P1050
P 1125	P1041	P1045
P 1126	P1041	P1046
P 1127	P895-37-1-1	P1077
P 1128	P896-8-8-1	P1077
P 1129	P918-25-5-1	P1077
P 1130	P896-8-8-1	P1080
P 1131	P918-25-5-1	P1080
P 1132	P921-85-3-1	P1080
P 1133	P896-8-8-1	P1081
P 1134	P918-25-5-1	P1081
P 1135	P921-85-3-1	P1081
P 1136	P895-37-1-1	P1082
P 1137	P896-8-8-1	P1082
P 1138	P738-97-3-1	MIRAMONO
P 1139	P738-137-3-1	MIRAMONO
P 1140	P738-137-4-1	MIRAMONO
P 1141	P761-86-1-3	MIRAMONO
P 1142	P780-55-1-1	MIRAMONO
P 1143	P738-97-3-1	P1056
P 1144	P738-97-3-1	P1057
P 1145	P738-137-3-1	P1058
P 1146	P738-137-4-1	P1059
P 1147	P780-55-1-1	P1060
F 1148	P761-86-1-3	P1061
P 1149	IR5	P1062
P 1150	CICA 4	P1063

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1151	P738-137-4-1	P1064
P 1152	(1RS77-38-2-2X1RS32-/208)	P1066
P 1153	P738-137-4-1	P1077
P 1154	P738-97-3-1	P1078
P 1155	P738-137-4-1	P1079
P 1156	P761-86-1-3	P1060
P 1157	P780-55-1-1	P1051
P 1158	P738-137-4-1	P1082
P 1159	T442-36	P1083
P 1160	T442-36	P1084
P 1161	T442-36	P1085
P 1162	T442-36	P1086
P 1163	T442-36	P1087
P 1164	T442-36	P1088
P 1165	T442-36	P1089
P 1166	T442-36	P1090
P 1167	T442-36	P1091
P 1168	T442-36	P1092
P 1169	T442-36	P1093
P 1170	T442-36	P1094
P 1171	T442-36	P1095
P 1172	T442-36	P1096
P 1173	T442-36	P1097
P 1174	T442-36	P1098
P 1175	T442-36	P1099
P 1176	T442-36	P1100
P 1177	T442-36	P1101
P 1178	T442-36	P1102
P 1179	T442-36	P1103
P 1180	T442-36	P1104
P 1181	T442-36	P1105
P 1182	T442-36	P1106
P 1183	T442-36	P1107
P 1184	T442-36	P1108
P 1185	T442-36	P1109
P 1186	T442-36	P1110
P 1187	T442-36	P1111
P 1188	T442-36	P1112
P 1189	T442-36	P1113
P 1190	T442-36	P1114
P 1191	T442-36	P1115
P 1192	T442-36	P1117
P 1193	MONOLAYA-2	COLOMBIA 1-5
P 1194	MONOLAYA-11	BLUEBONNET 50-8
P 1195	BLUEBONNET 50-5	COLOMBIA 1-9
P 1196	IRS-1	MONOLAYA-5
P 1197	CICA 4-8	MONOLAYA-7
P 1198	IRB-8	MONOLAYA-6
P 1199	CICA 4-5	COLOMBIA 1-9
P 1200	IRB-12	COLOMBIA 1-10

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1201	CICA 4-7	BLUEBONNET 50-5
P 1202	IRB-9	BLUEBONNET 50-8
P 1203	CICA 4-7	IR5-1
P 1204	IR 8-5	IR5-1
P 1205	MONOLAYA-10	IRB-11
P 1206	MONOLAYA-11	CICA 4
P 1207	CICA 6	P 1138
P 1208	T442-36	P 1138
P 1209	CICA 6	P 1139
P 1210	T442-36	P 1139
P 1211	CICA 6	P 1140
P 1212	T442-36	P 1140
P 1213	CICA 6	P 1141
P 1214	T442-36	P 1141
P 1215	CICA 6	P 1142
P 1216	T442-36	P 1142
P 1217	P901-22-7-2-3-2-1B	P914-43-8-3-5-2-1B
P 1218	P901-22-7-2-3-2-1B	P917-30-3-3-3-2-1B
P 1219	P901-22-7-2-3-2-1B	P917-57-45-6-1-1-1-1B
P 1220	P901-22-7-2-3-2-1B	P918-19-9-3-1-3-1B
P 1221	P901-22-7-2-3-2-1B	P918-25-1-4-2-3-1B
P 1222	P901-22-7-2-3-2-1B	P920-7-4-3-3-1B
P 1223	P901-22-7-2-3-2-1B	P881-19-22-12-18-7-1B
P 1224	P901-22-7-2-3-2-1B	P882-12-6-1-5-3-1-1-1B
P 1225	P901-22-7-2-3-2-1B	P896-20-1-1-6-8-1B
P 1226	P914-43-8-3-5-2-1B	P917-30-3-3-3-2-1B
P 1227	P914-43-8-3-5-2-1B	P917-57-45-6-1-1-1B
P 1228	P914-43-8-3-5-2-1B	P918-19-9-3-1-3-1B
P 1229	P914-43-8-3-5-2-1B	P918-25-1-4-2-3-1B
P 1230	P914-43-8-3-5-2-1B	P920-7-4-3-3-1-1B
P 1231	P914-43-8-3-5-2-1B	P881-19-22-12-18-7-1B
P 1232	P914-43-8-3-5-2-1B	P882-12-6-1-5-3-1-1-1B
P 1233	P914-43-8-3-5-2-1B	P896-20-1-1-6-8-1B
P 1234	P917-30-3-3-3-2-1B	P917-57-35-1-2-1-1B
P 1235	P917-30-3-3-3-2-1B	P918-19-9-3-1-3-1B
P 1236	P917-30-3-3-3-2-1B	P918-25-1-4-2-3-1B
P 1237	P917-30-3-3-3-2-1B	P920-7-4-3-3-1-1B
P 1238	P917-30-3-3-3-2-1B	P881-19-22-12-18-7-1B
P 1239	P917-30-3-3-3-2-1B	P882-12-6-1-5-3-1-1-1B
P 1240	P917-30-3-3-3-2-1B	P896-20-1-1-6-8-1B
P 1241	P917-57-35-1-2-1-1B	P918-19-9-3-1-3-1B
P 1242	P917-57-35-1-2-1-1B	P918-25-1-4-2-3-1B
P 1243	P917-57-35-1-2-1-1B	P920-7-4-3-3-1-1B
P 1244	P917-57-35-1-2-1-1B	P881-19-22-12-18-7-1B
P 1245	P917-57-35-1-2-1-1B	P882-12-6-1-5-3-1-1-1B
P 1246	P917-57-35-1-2-1-1B	P896-20-1-1-6-8-1B
P 1247	P918-19-9-3-1-3-1B	P918-25-1-4-2-3-1B
P 1248	P918-19-9-3-1-3-1B	P920-7-4-3-3-1-1B
P 1249	P918-19-9-3-1-3-1B	P881-19-22-12-18-7-1B
P 1250	P918-19-9-3-1-3-1B	P882-12-6-1-5-3-1-1-1B

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1251	F918-19-9-3-1-3-1B	P896-20-1-1-6-8-1B
P 1252	F918-25-1-4-2-3-1B	P920-7-4-3-3-1-1B
P 1253	F918-25-1-4-2-3-1B	P881-19-22-12-1B-7-1B
P 1254	F918-25-1-4-2-3-1B	P882-12-6-1-5-3-1-1-1B
P 1255	F918-25-1-4-2-3-1B	P896-20-1-1-6-8-1B
P 1256	F920-7-4-3-3-1-1B	P881-19-22-12-1B-7-1B
P 1257	F920-7-4-3-3-1-1B	P882-12-5-1-5-3-1-1-1B
P 1258	F920-7-4-3-3-1-1B	P896-20-1-1-6-8-1B
P 1259	P881-19-22-12-1B-7-1	P882-12-6-1-5-3-1-1-1B
P 1260	P881-19-22-12-1B-7-1	P896-20-1-1-6-8-1B
P 1261	P882-12-6-1-5-3-1-1-	P896-20-1-1-6-8-1B
P 1262	P1217	P1218
P 1263	P1217	P1219
P 1264	P1217	P1220
P 1265	P1217	P1221
P 1266	P1217	P1223
P 1267	P1217	P1224
P 1268	P1217	P1225
P 1269	P1217	P1226
P 1270	P1217	P1227
P 1271	P1217	P1228
P 1272	P1217	P1229
P 1273	P1217	P1231
P 1274	P1217	P1232
P 1275	P1217	P1233
P 1276	P1217	P1234
P 1277	P1217	P1235
P 1278	P1217	P1236
P 1279	P1217	P1237
P 1280	P1217	P1238
P 1281	P1217	P1239
P 1282	P1217	P1240
P 1283	P1217	P1241
P 1284	P1217	P1242
P 1285	P1217	P1243
P 1286	P1217	P1244
P 1287	P1217	P1245
P 1288	P1217	P1246
P 1289	P1217	P1247
P 1290	P1217	P1248
P 1291	P1217	P1249
P 1292	P1217	P1250
P 1293	P1217	P1251
P 1294	P1217	P1252
P 1295	P1217	P1253
P 1296	P1217	P1254
P 1297	P1217	P1255
P 1298	P1217	P1256
P 1299	P1217	P1257
P 1300	P1217	P1258

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1301	P1217	P1259
P 1302	P1217	P1260
P 1303	P1217	P1261
P 1304	P1217	IRRI 1465
P 1305	P1218	P1223
P 1306	P1218	P1224
P 1307	P1218	P1226
P 1308	P1218	P1227
P 1309	P1218	P1228
P 1310	P1218	P1229
P 1311	P1218	P1230
P 1312	P1218	P1231
P 1313	P1218	P1232
P 1314	P1218	P1233
P 1315	P1218	P1238
P 1316	P1218	P1239
P 1317	P1218	P1244
P 1318	P1218	P1245
P 1319	P1218	P1249
P 1320	P1218	P1250
P 1321	P1218	P1253
P 1322	P1218	P1254
P 1323	P1218	P1256
P 1324	P1218	P1257
P 1325	P1218	P1259
P 1326	P1218	P1260
P 1327	P1218	P1261
P 1328	P1218	IRR 1445
P 1329	P1219	P1223
P 1330	P1219	P1224
P 1331	P1219	P1226
P 1332	P1219	P1228
P 1333	P1219	P1229
P 1334	P1219	P1230
P 1335	P1219	P1231
P 1336	P1219	P1232
P 1337	P1219	P1233
P 1338	P1219	P1238
P 1339	P1219	P1239
P 1340	P1219	P1244
P 1341	P1219	P1245
P 1342	P1219	P1249
P 1343	P1219	P1250
P 1344	P1219	P1253
P 1345	P1219	P1254
P 1346	P1219	P1256
P 1347	P1219	P1257
P 1348	P1219	P1259
P 1349	P1219	P1260
P 1350	P1219	P1261

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1351	P1219	IRRI 1445
P 1352	P1220	P1223
P 1353	P1220	P1224
P 1354	P1220	P1226
P 1355	P1220	P1227
P 1356	P1220	P1228
P 1357	P1220	P1229
P 1358	P1220	P1230
P 1359	P1220	P1231
P 1360	P1220	P1232
P 1361	P1220	P1233
P 1362	P1220	P1238
P 1363	P1220	P1239
P 1364	P1220	P1244
P 1365	P1220	P1245
P 1366	P1220	P1249
P 1367	P1220	P1250
P 1368	P1220	P1253
P 1369	P1220	P1254
P 1370	P1220	P1256
P 1371	P1220	P1257
P 1372	P1220	P1259
P 1373	P1220	P1260
P 1374	P1220	P1261
P 1375	P1220	IRRI 1445
P 1376	P1221	P1223
P 1377	P1221	P1224
P 1378	P1221	P1226
P 1379	P1221	P1227
P 1380	P1221	P1228
P 1381	P1221	P1229
P 1382	P1221	P1230
P 1383	P1221	P1231
P 1384	P1221	P1232
P 1385	P1221	P1233
P 1386	P1221	P1238
P 1387	P1221	P1239
P 1388	P1221	P1244
P 1389	P1221	P1245
P 1390	P1221	P1249
P 1391	P1221	P1250
P 1392	P1221	P1253
P 1393	P1221	P1254
P 1394	P1221	P1256
P 1395	P1221	P1257
P 1396	P1221	P1259
P 1397	P1221	P1260
P 1398	P1221	P1261
P 1399	P1221	IRRI 1445
P 1400	P1222	P1226

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1401	P1222	P1227
P 1402	P1222	P1228
P 1403	P1222	P1229
P 1404	P1222	P1231
P 1405	P1222	P1232
P 1406	P1222	P1233
P 1407	P1222	P1234
P 1408	P1222	P1235
P 1409	P1222	P1236
P 1410	P1222	P1238
P 1411	P1222	P1239
P 1412	P1222	P1240
P 1413	P1222	P1241
P 1414	P1222	P1242
P 1415	P1222	P1244
P 1416	P1222	P1245
P 1417	P1222	P1246
P 1418	P1222	P1247
P 1419	P1222	P1249
P 1420	P1222	P1250
P 1421	P1222	P1251
P 1422	P1222	P1253
P 1423	P1222	P1254
P 1424	P1222	P1255
P 1425	P1222	P1259
P 1426	P1222	P1260
P 1427	P1222	P1261
P 1428	P1222	1661 1445
P 1429	P1223	P1225
P 1430	P1223	P1226
P 1431	P1223	P1227
P 1432	P1223	P1228
P 1433	P1223	P1229
P 1434	P1223	P1230
P 1435	P1223	P1231
P 1436	P1223	P1232
P 1437	P1223	P1233
P 1438	P1223	P1234
P 1439	P1223	P1235
P 1440	P1223	P1236
P 1441	P1223	P1237
P 1442	P1223	P1238
P 1443	P1223	P1239
P 1444	P1223	P1240
P 1445	P1223	P1241
P 1446	P1223	P1242
P 1447	P1223	P1243
P 1448	P1223	P1244
P 1449	P1223	P1245
P 1450	P1223	P1246

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1451	P1223	P1247
P 1452	P1223	P1248
P 1453	P1223	P1249
P 1454	P1223	P1250
P 1455	P1223	P1251
P 1456	P1223	P1252
P 1457	P1223	P1253
P 1458	P1223	P1254
P 1459	P1223	P1255
P 1460	P1223	P1258
P 1461	P1223	P1260
P 1462	P1223	P1261
P 1463	P1223	IRRI 1445
P 1464	P1224	P1225
P 1465	P1224	P1226
P 1466	P1224	P1227
P 1467	P1224	P1228
P 1468	P1224	P1229
P 1469	P1224	P1230
P 1470	P1224	P1231
P 1471	P1224	P1232
P 1472	P1224	P1233
P 1473	P1224	P1234
P 1474	P1224	P1235
P 1475	P1224	P1236
P 1476	P1224	P1237
P 1477	P1224	P1238
P 1478	P1224	P1239
P 1479	P1224	P1240
P 1480	P1224	P1241
P 1481	P1224	P1242
P 1482	P1224	P1243
P 1483	P1224	P1244
P 1484	P1224	P1245
P 1485	P1224	P1246
P 1486	P1224	P1247
P 1487	P1224	P1248
P 1488	P1224	P1249
P 1489	P1224	P1250
P 1490	P1224	P1251
P 1491	P1224	P1252
P 1492	P1224	P1253
P 1493	P1224	P1254
P 1494	P1224	P1255
P 1495	P1224	P1258
P 1496	P1224	P1260
P 1497	P1224	P1261
P 1498	P1224	IRRI 1445
P 1499	P1225	P1226
P 1500	P1225	P1227

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1501	P1225	P1238
P 1502	P1225	P1239
P 1503	P1225	P1230
P 1504	P1225	P1231
P 1505	P1225	P1232
P 1506	P1225	P1233
P 1507	P1225	P1238
P 1508	P1225	P1239
P 1509	P1225	P1244
P 1510	P1225	P1245
P 1511	P1225	P1249
P 1512	P1225	P1250
P 1513	P1225	P1253
P 1514	P1225	P1254
P 1515	P1225	P1256
P 1516	P1225	P1257
P 1517	P1225	P1259
P 1518	P1225	P1260
P 1519	P1225	P1261
P 1520	P1225	IRRI 1445
P 1521	P1226	P1230
P 1522	P1226	P1231
P 1523	P1226	P1232
P 1524	P1226	P1237
P 1525	P1226	P1238
P 1526	P1226	P1239
P 1527	P1226	P1243
P 1528	P1226	P1244
P 1529	P1226	P1245
P 1530	P1226	P1248
P 1531	P1226	P1249
P 1532	P1226	P1252
P 1533	P1226	P1253
P 1534	P1226	P1254
P 1535	P1226	P1256
P 1536	P1226	P1257
P 1537	P1226	P1258
P 1538	P1226	P1259
P 1539	P1226	P1260
P 1540	P1226	P1261
P 1541	P1226	IRRI 1445
P 1542	P1227	P1230
P 1543	P1227	P1231
P 1544	P1227	P1232
P 1545	P1227	P1237
P 1546	P1227	P1238
P 1547	P1227	P1239
P 1548	P1227	P1243
P 1549	P1227	P1244
P 1550	P1227	P1245

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1531	P1227	P1248
P 1532	P1227	P1249
P 1533	P1227	P1250
P 1534	P1227	P1252
P 1535	P1227	P1253
P 1536	P1227	P1254
P 1537	P1227	P1256
P 1538	P1227	P1257
P 1539	P1227	P1258
P 1560	P1227	P1259
P 1561	P1227	P1260
P 1562	P1227	P1261
P 1563	P1227	IRRI 1445
P 1564	P1228	P1230
P 1565	P1228	P1231
P 1566	P1228	P1232
P 1567	P1228	P1237
P 1568	P1228	P1238
P 1569	P1228	P1239
P 1570	P1228	P1243
P 1571	P1228	P1244
P 1572	P1228	P1245
P 1573	P1228	P1248
P 1574	P1228	P1249
P 1575	P1228	P1250
P 1576	P1228	P1252
P 1577	P1228	P1253
P 1578	P1228	P1254
P 1579	P1228	P1256
P 1580	P1228	P1257
P 1581	P1228	P1258
P 1582	P1228	P1259
P 1583	P1228	P1260
P 1584	P1228	P1261
P 1585	P1228	IRRI 1445
P 1586	P1229	P1230
P 1587	P1229	P1231
P 1588	P1229	P1232
P 1589	P1229	P1237
P 1590	P1229	P1238
P 1591	P1229	P1239
P 1592	P1229	P1243
P 1593	P1229	P1244
P 1594	P1229	P1245
P 1595	P1229	P1248
P 1596	P1229	P1249
P 1597	P1229	P1250
P 1598	P1229	P1252
P 1599	P1229	P1253
P 1600	P1229	P1254

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1601	P1229	P1256
P 1602	P1229	P1257
P 1603	P1229	P1258
P 1604	P1229	P1259
P 1605	P1229	P1260
P 1606	P1229	P1261
P 1607	P1229	IRRI 1445
P 1608	P1230	P1231
P 1609	P1230	P1232
P 1610	P1230	P1233
P 1611	P1230	P1234
P 1612	P1230	P1235
P 1613	P1230	P1236
P 1614	P1230	P1237
P 1615	P1230	P1238
P 1616	P1230	P1239
P 1617	P1230	P1240
P 1618	P1230	P1241
P 1619	P1230	P1242
P 1620	P1230	P1243
P 1621	P1230	P1244
P 1622	P1230	P1245
P 1623	P1230	P1246
P 1624	P1230	P1247
P 1625	P1230	P1248
P 1626	P1230	P1249
P 1627	P1230	P1250
P 1628	P1230	P1251
P 1629	P1230	P1252
P 1630	P1230	P1253
P 1631	P1230	P1254
P 1632	P1230	P1255
P 1633	P1230	P1256
P 1634	P1230	P1257
P 1635	P1230	P1258
P 1636	P1230	P1259
P 1637	P1230	P1260
P 1638	P1230	P1261
P 1639	P1230	IRRI 1445
P 1640	P1231	P1233
P 1641	P1231	P1234
P 1642	P1231	P1235
P 1643	P1231	P1236
P 1644	P1231	P1237
P 1645	P1231	P1238
P 1646	P1231	P1239
P 1647	P1231	P1240
P 1648	P1231	P1241
P 1649	P1231	P1242
P 1650	P1231	P1243

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1651	P1231	P1244
P 1652	P1231	P1245
P 1653	P1231	P1246
P 1654	P1231	P1247
P 1655	P1231	P1248
P 1656	P1231	P1249
P 1657	P1231	P1250
P 1658	P1231	P1251
P 1659	P1231	P1252
P 1660	P1231	P1253
P 1661	P1231	P1254
P 1662	P1231	P1255
P 1663	P1231	P1256
P 1664	P1231	P1257
P 1665	P1231	P1258
P 1666	P1231	P1260
P 1667	P1231	P1261
P 1668	P1231	IRRI 1445
P 1669	P1232	P1233
P 1670	P1232	P1234
P 1671	P1232	P1235
P 1672	P1232	P1236
P 1673	P1232	P1237
P 1674	P1232	P1238
P 1675	P1232	P1239
P 1676	P1232	P1240
P 1677	P1232	P1241
P 1678	P1232	P1242
P 1679	P1232	P1243
P 1680	P1232	P1244
P 1681	P1232	P1245
P 1682	P1232	P1246
P 1683	P1232	P1247
P 1684	P1232	P1248
P 1685	P1232	P1249
P 1686	P1232	P1250
P 1687	P1232	P1251
P 1688	P1232	P1252
P 1689	P1232	P1253
P 1690	P1232	P1254
P 1691	P1232	P1255
P 1692	P1232	P1256
P 1693	P1232	P1257
P 1694	P1232	P1258
P 1695	P1232	P1260
P 1696	P1232	P1261
P 1697	P1232	IRRI 1445
P 1698	P1233	P1237
P 1699	P1233	P1238
P 1700	P1233	P1239

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1701	P1233	P1243
P 1702	P1233	P1244
P 1703	P1233	P1245
P 1704	P1233	P1248
P 1705	P1233	P1249
P 1706	P1233	P1250
P 1707	P1233	P1252
P 1708	P1233	P1253
P 1709	P1233	P1254
P 1710	P1233	P1256
P 1711	P1233	P1257
P 1712	P1233	P1258
P 1713	P1233	P1259
P 1714	P1233	P1260
P 1715	P1233	P1261
P 1716	P1233	IRRI 1445
P 1717	P1234	P1256
P 1718	P1234	P1257
P 1719	P1234	IRRI 1445
P 1720	P1235	P1256
P 1721	P1235	P1257
P 1722	P1235	IRRI 1445
P 1723	P1236	P1256
P 1724	P1236	P1257
P 1725	P1236	IRRI 1445
P 1726	P1237	P1238
P 1727	P1237	P1239
P 1728	P1237	P1244
P 1729	P1237	P1245
P 1730	P1237	P1249
P 1731	P1237	P1250
P 1732	P1237	P1253
P 1733	P1237	P1254
P 1734	P1237	P1256
P 1735	P1237	P1257
P 1736	P1237	P1259
P 1737	P1237	P1260
P 1738	P1237	P1261
P 1739	P1237	IRRI 1445
P 1740	P1238	P1243
P 1741	P1238	P1248
P 1742	P1238	P1252
P 1743	P1238	P1256
P 1744	P1238	P1257
P 1745	P1238	P1258
P 1746	P1238	IRRI 1445
P 1747	P1239	P1243
P 1748	P1239	P1248
P 1749	P1239	P1252
P 1750	P1239	P1256

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1751	P1239	P1257
P 1752	P1239	P1258
P 1753	P1239	IRRI 1445
P 1754	P1240	P1256
P 1755	P1240	P1257
P 1756	P1240	IRRI 1445
P 1757	P1241	P1256
P 1758	P1241	P1257
P 1759	P1241	IRRI 1445
P 1760	P1242	P1256
P 1761	P1242	P1257
P 1762	P1242	IRRI 1445
P 1763	P1243	P1244
P 1764	P1243	P1245
P 1765	P1243	P1249
P 1766	P1243	P1250
P 1767	P1243	P1253
P 1768	P1243	P1254
P 1769	P1243	P1256
P 1770	P1243	P1257
P 1771	P1243	P1259
P 1772	P1243	P1260
P 1773	P1243	P1261
P 1774	P1243	IRRI 1445
P 1775	P1244	P1248
P 1776	P1244	P1252
P 1777	P1244	P1256
P 1778	P1244	P1257
P 1779	P1244	P1258
P 1780	P1244	IRRI 1445
P 1781	P1245	P1248
P 1782	P1245	P1252
P 1783	P1245	P1256
P 1784	P1245	P1257
P 1785	P1245	P1258
P 1786	P1245	IRRI 1445
P 1787	P1246	P1256
P 1788	P1246	P1257
P 1789	P1246	IRRI 1445
P 1790	P1247	P1256
P 1791	P1247	P1257
P 1792	P1247	IRRI 1445
P 1793	P1248	P1249
P 1794	P1248	P1250
P 1795	P1248	P1253
P 1796	P1248	P1254
P 1797	P1248	P1256
P 1798	P1248	P1257
P 1799	P1248	P1259
P 1800	P1248	P1260

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1801	P1248	P1261
P 1802	P1248	IRRI 1445
P 1803	P1249	P1252
P 1804	P1249	P1256
P 1805	P1249	P1257
P 1806	P1249	P1258
P 1807	P1249	IRRI 1445
P 1808	P1250	P1252
P 1809	P1250	P1256
P 1810	P1250	P1257
P 1811	P1250	P1258
P 1812	P1250	IRRI 1445
P 1813	P1251	P1256
P 1814	P1251	P1257
P 1815	P1251	IRRI 1445
P 1816	P1252	P1253
P 1817	P1252	P1254
P 1818	P1252	P1256
P 1819	P1252	P1257
P 1820	P1252	P1259
P 1821	P1252	P1260
P 1822	P1252	P1261
P 1823	P1252	IRRI 1445
P 1824	P1253	P1256
P 1825	P1253	P1257
P 1826	P1253	P1258
P 1827	P1253	IRRI 1445
P 1828	P1254	P1256
P 1829	P1254	P1257
P 1830	P1254	P1258
P 1831	P1254	IRRI 1445
P 1832	P1255	P1256
P 1833	P1255	P1257
P 1834	P1255	IRRI 1445
P 1835	P1256	P1258
P 1836	P1256	P1260
P 1837	P1256	P1261
P 1838	P1256	IRRI 1445
P 1839	P1257	P1258
P 1840	P1257	P1260
P 1841	P1257	P1261
P 1842	P1257	IRRI 1445
P 1843	P1258	P1259
P 1844	P1258	P1260
P 1845	P1258	IRRI 1445
P 1846	P1259	IRRI 1445
P 1847	P1260	IRRI 1445
P 1848	P1261	IRRI 1445
P 1849	P899-55-5-2-5-2-18	P901-22-7-2-3-2-18
P 1850	P899-55-5-2-5-2-18	P914-43-8-3-5-2-18

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1851	P899-55-5-2-5-2-1B	P918-25-1-4-2-3-1B
P 1852	P899-55-5-2-5-2-1B	P881-19-22-12-1B-7-1B
P 1853	P899-55-5-2-5-2-1B	IRB/SCARREDN
P 1854	F901-22-11-2-6-2-1B	P914-43-8-3-5-2-1B
P 1855	F901-22-11-2-6-2-1B	P918-25-1-4-2-3-1B
P 1856	F901-22-11-2-6-2-1B	P881-19-22-12-1B-7-1B
P 1857	F901-22-11-2-6-2-1B	IRB/SCARREDN
P 1858	P899-55-5-2-5-2-1B	P901-22-7-2-3-2-1B
P 1859	P899-55-5-2-5-2-1B	P914-43-8-3-5-2-1B
P 1860	P899-55-5-2-5-2-1B	P918-25-1-4-2-3-1B
P 1861	P899-55-5-2-5-2-1B	P881-19-22-12-1B-7-1B
P 1862	P899-55-5-2-5-2-1B	IRB/SCARREDN
P 1863	F901-22-11-2-6-2-1B	P914-43-8-3-5-2-1B
P 1864	F901-22-11-2-6-2-1B	P918-25-1-4-2-3-1B
P 1865	F901-22-11-2-6-2-1B	P881-19-22-12-1B-7-1B
P 1866	F901-22-11-2-6-2-1B	IRB/SCARREDN
P 1867	P899-55-5-2-5-2-1B	P901-22-7-2-3-2-1B
P 1868	P899-55-5-2-5-2-1B	P914-43-8-3-5-2-1B
P 1869	P899-55-5-2-5-2-1B	P918-25-1-4-2-3-1B
P 1870	P899-55-5-2-5-2-1B	P881-19-22-12-1B-7-1B
P 1871	P899-55-5-2-5-2-1B	IRB/SCARREDN
P 1872	F901-22-11-2-6-2-1B	P914-43-8-3-5-2-1B
P 1873	F901-22-11-2-6-2-1B	P918-25-1-4-2-3-1B
P 1874	F901-22-11-2-6-2-1B	P881-19-22-12-1B-7-1B
P 1875	F901-22-11-2-6-2-1B	IRB/SCARREDN
P 1876	P899-55-5-2-5-2-1B	4422
P 1877	B6 90-2 * 2	TETEP
P 1878	B6 90-2	TETEP
P 1879	B690-2	CICA 9
P 1880	B690-2	4440
P 1881	B690-2	CICA 4
P 1882	B6 90-2	MUDGO
P 1883	B690-2	4414
P 1884	P 899-55-5-2-5-2-1B	TETEP
P 1885	CICA 4	TETEP
P 1886	CICA 9	TETEP
P 1887	4440	CICA 9
P 1888	4440	CICA 4
P 1889	4440	CICA 7
P 1890	CICA 9	CICA 7
P 1891	B6 90-2	CICA 7
P 1892	P 699-55-2-5-2-5-2-1B	CICA 7
P 1893	IR 22	TETEP
P 1894	IR 22	CICA 7
P 1895	CICA 9	MUDGO
P 1896	4440	MUDGO
P 1897	B690-2*3	TETEP
P 1898	4414*4	4418
P 1899	4414*4	4425
P 1900	4414*4	4440

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1901	44144	4462
P 1902	44144	1445
P 1903	441442	4422
P 1904	CICA 9+4	4425
P 1905	CICA 9+4	4440
P 1906	CICA 9+4	4462
P 1907	CICA 9+4	1445
P 1908	5461	CICA 4
P 1909	5461	CICA 7
P 1910	5461	CICA 9
P 1911	5461	4440
P 1912	5461	P 899-55-2-5-2-5-2-1B
P 1913	5461	IR 36
P 1914	5461	IR 22
P 1915	IR 36	CICA 7
P 1916	IR 36	CICA 9
P 1917	IR 36	4440
P 1918	IR 36	4422
P 1919	5461	4422
P 1920	P 899-55-2-5-2-5-2-1B	RAMINAD STR 3
P 1921	P 899-55-2-5-2-5-2-1B	SML 56/7
P 1922	P 899-55-2-5-2-5-2-1B	TAPOO-CHO-2
P 1923	P 899-55-2-5-2-5-2-1B	PI 184675-2
P 1924	P 899-55-2-5-2-1B	CA 902/B/3/3
P 1925	P 899-55-2-5-2-5-2-1B	COLOMBIA 1
P 1926	4414	TETEP
P 1927	4440	RAMINAD STR 3
P 1928	4440	SML 56/7
P 1929	4440	TAPOO-CHO-2
P 1930	4440	PI 184675-2
P 1931	4440	CA 902/B/3/3
P 1932	4440	COLOMBIA 1
P 1933	4440	TETEP
P 1934	4468	RAMINAD STR 3
P 1935	4468	SML 56/7
P 1936	4468	TAPOO-CHO-2
P 1937	4468	PI 184675-2
P 1938	4468	CA 902/B/3/3
P 1939	4468	COLOMBIA 1
P 1940	4468	TETEP
P 1941	86 90-2	RAMINAD STR 3
P 1942	86 90-2	SML 56/7
P 1943	86 90-2	TAPOO-CHO-2
P 1944	86 90-2	P. I. 184675-2
P 1945	86 90-2	CA 902/B/3/3
P 1946	86 90-2	COLOMBIA 1
P 1947	86 90-2	TETEP
P 1948	LINEA 8	RAMINAD STR 3
P 1949	LINEA 8	S.M.L. 56/7
P 1950	LINEA 8	TAPOO-CHO-2

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 1951	LINEA 8	P.I.184675-2
P 1952	LINEA 8	CA 902/B/3/3
P 1953	LINEA 8	COLOMBIA 1
P 1954	LINEA 8	TETEP
P 1955	CICA 4	RAMINAD STR 3
P 1956	CICA 4	S.M.L. 56/7
P 1957	CICA 4	TAPCO-CHO-2
P 1958	CICA 4	PI184675-2
P 1959	CICA 4	COLOMBIA 1
P 1960	CICA 4	TETEP
P 1961	CICA 4	CA 902/B/3/3
P 1962	CICA 9	S.M.L. 56/7
P 1963	CICA 9	RAMINAD STR 3
P 1964	CICA 9	TAPCO-CHO-2
P 1965	CICA 9	PI184675-2
P 1966	CICA 9	CA 902/B/3/3
P 1967	CICA 9	COLOMBIA 1
P 1968	CICA 9	TETEP
P 1969	4440	REMAJJA
P 1970	4440	PELITA 1/1
P 1971	B6 66-1	4440
P 1972	CICA 9	REMAJJA
P 1973	CICA 9	PELITA 1/1
P 1974	CICA 9	B6 66-1
P 1975	CICA 4	PELITA 1/1
P 1976	CICA 4	B6 66-1
P 1977	4440	BAHAGIA
P 1978	4440	KB
P 1979	CICA 9	BAHAGIA
P 1980	CICA 9	KB
P 1981	BAHAGIA	CICA 7
P 1982	CICA 7	TAPCO-CHO-2
P 1983	B6 90-2	PELITA 1/1
P 1984	B6 90-2	IR 22
P 1985	B6 90-2	BAHAGIA
P 1986	B6 90-2	KB
P 1987	B6 90-2	4440
P 1988	B6 90-2	CICA 7
P 1989	B666-1	TETEP
P 1990	B666-1	CA 902/B/3/3
P 1991	TAPCO-CHO-2	PELITA 1/1
P 1992	4422	4440
P 1993	IR2793-80-1	CICA 9
P 1994	IR2793-80-1	CICA 7
P 1995	REMAJJA	CA 902/B/3/3
P 1996	REMAJJA	TAPCO-CHO-2
P 1997	BAHAGIA	IR2793-80-1
P 1998	LINEA 13	PELITA 1/1
P 1999	4422	CICA 7
P 2000	CICA 9	CICA 7

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2001	4440	CICA 7
P 2002	5461	CICA 7
P 2003	5461	CICA 9
P 2004	5461	4440
P 2005	5461	4422
P 2006	TAPCOO-CHO-1	BAWAGIA
P 2007	KB	BAWAGIA
P 2008	KB	TAPCOO-CHO-2
P 2009	TETEP	IR 5
P 2010	CICA 7	B6 90-2/TETEP
P 2011	4414	B6 90-2/TETEP
P 2012	4422	B6 90-2/TETEP
P 2013	CICA 4	B6 90-2/TETEP
P 2014	CICA 9	B6 90-2/TETEP
P 2015	4440	B6 90-2/CICA 7
P 2016	CICA 9	B6 90-2/CICA 7
P 2017	CICA 4	B6 90-2/CICA 7
P 2018	4414	B6 90-2/CICA 7
P 2019	B6 90-2	4440/CICA 9
P 2020	4440	B6 90-2/TETEP
P 2021	4440	CICA 9/CICA 7
P 2022	4414	4440/CICA 9
P 2023	B6 90-2	4440/CICA 7
P 2024	4414	4440/CICA 7
P 2025	CICA 4	CICA 9/CICA 7
P 2026	B6 90-2	CICA 9/CICA 7
P 2027	4414	CICA 9/CICA 7
P 2028	B6 90-2	4440/CICA 4
P 2029	B6 90-2	CICA 4/TETEP
P 2030	CICA 4	4440/CICA 7
P 2031	CICA 9	4440/CICA 7
P 2032	4422	B6 90-2/CICA 4
P 2033	4422	B6 90-2/CICA 9
P 2034	4440	B6 90-2/CICA 4
P 2035	4440	B6 90-2/CICA 9
P 2036	B6 90-2+4	TETEP
P 2037	4422	B6 90-2
P 2038	4467	IR 22
P 2039	4467	B6 90-2
P 2040	3993	B6 90-2
P 2041	COSTA RICA	4414
P 2042	COSTA RICA	CICA 4
P 2043	COSTA RICA	IR 22
P 2044	COSTA RICA	4440
P 2045	B6 90-2+2	MUDGO
P 2046	CICA 9+2	MUDGO
P 2047	4440+2	MUDGO
P 2048	1854	4440/CICA 9
P 2049	1854	4440/CICA 4
P 2050	1854	CICA 7/CICA 9

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2051	1854	CICA 4/TETEP
P 2052	1854	BG 90-2/4440
P 2053	CICA 7	5461/CICA 4
P 2054	IR36	5461/CICA 7
P 2055	CICA 7	5461/CICA 9
P 2056	CICA 7	5461/4440
P 2057	CICA 7	5461/4414
P 2058	CICA 7	5461/IR22
P 2059	CICA 9	IR36/CICA 7
P 2060	CICA 7	IR 36/CICA 9
P 2061	5461	IR36/4422
P 2062	CICA 7	5461/4422
P 2063	5461/CICA 4	IR36/CICA 9
P 2064	5461/CICA 4	IR 36/CICA 7
P 2065	5461/CICA 7	IR36/CICA 9
P 2066	5461/IR22	IR 36/CICA 7
P 2067	5461/IR22	IR 36/CICA 9
P 2068	5461/4440	IR 36/CICA 7
P 2069	5461/4414	IR 36/4422
P 2070	4440*2	BG 90-2
P 2071	CICA 9*2	BG 90-2
P 2072	4414*2	CICA 7
P 2073	BG 90-2*2	4440
P 2074	BG 90-2*2	CICA 7
P 2075	2940	BG 90-2/CICA7
P 2076	2940	4440/CICA7
P 2077	2940	4414/CICA7
P 2078	2940	CICA9/CICA7
P 2079	2940	BG 90-2/CICA9
P 2080	2940	BG 90-2/4440
P 2081	2940	BG 90-2/CICA4
P 2082	2940	4440/CICA9
P 2083	2940	4440/CICA4
P 2084	2946	BG 90-2/CICA7
P 2085	2946	4440/CICA7
P 2086	2946	4414/CICA7
P 2087	2946	CICA9/CICA7
P 2088	2946	BG 90-2/CICA9
P 2089	2946	BG 90-2/4440
P 2090	2946	BG 90-2/CICA4
P 2091	2946	4440/CICA9
P 2092	2946	4440/CICA4
P 2093	P1899	P1901
P 2094	P1900	P1901
P 2095	P1900	P1902
P 2096	P1902	P1901
P 2097	P1900	P1899
P 2098	P1902	P1899
P 2099	4414*3	4422
P 2100	2941	BG 90-2/CICA7

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2101	2941	4440/CICA7
P 2102	2941	4414/CICA7
P 2103	2941	CICA9/CICA7
P 2104	2941	BG 90-2/CICA 9
P 2105	2941	BG 90-2 /4440
P 2106	2941	BG 90-2 /CICA4
P 2107	2941	4440 / CICA9
P 2108	2941	4440 / CICA 4
P 2109		
P 2110	CICA9*3	BAHAGIA
P 2111	CICA7*2	BAHAGIA
P 2112	4440*2	TAPOO-CHO-Z
P 2113	CICA9*2	TAPOO-CHO-Z
P 2114	CICA7*2	TAPOO-CHO-Z
P 2115	4440*2	KB
P 2116	CICA9*2	KB
P 2117		
P 2118	4440*2	RENAOJA
P 2119		
P 2120	4440*2	PELITA 1/1
P 2121	CICA9*2	PELITA 1/1
P 2122	4440*2	BG 66-1
P 2123	CICA9*2	BG 66-1
P 2124	CICA4*2	PELITA 1/1
P 2125		
P 2126	CICA4*2	BG 66-1
P 2127	4414*2	RAMINAUSTRAIN 3
P 2128	4414*2	S.M.L. 56/7
P 2129	4414*2	TAPOO-CHO-Z
P 2130	4414*2	P.I. 184675-2
P 2131	4414*2	CA 902/B/3/3
P 2132	4414*2	COLOMBIA 1
P 2133	4440*2	RAMINAD STRAIN 3
P 2134	4440*2	S.M.L. - 56/7
P 2135	4440*2	TAPOO-CHO-Z
P 2136	4440*2	P.I.184675-2
P 2137	4440*2	CA902/B/3/3
P 2138	4440*2	COLOMBIA 1
P 2139	4440*2	TETEP
P 2140	4468*2	RAMINAD STRAIN 3
P 2141	4468*2	S.M.L. 56/7
P 2142	4468*2	TAPOO-CHO-Z
P 2143	4468*2	P.I.184675-2
P 2144	4468*2	CA 902/B/3/3
P 2145	4468*2	COLOMBIA 1
P 2146	4468*2	TETEP
P 2147	BG 90-2*2	RAMINAD STRAIN 3
P 2148	BG 90-2*2	S.M.L. 56/7
P 2149	BG 90-2*2	TAPOO-CHO-Z
P 2150	BG 90-2*2	CA902/B/3/3

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2151	BG 90-2*2	P.I. 184675-2
P 2152	BG 90-2*2	COLOMBIA 1
P 2153	LINEA B*2	RAMINAD STRAIN 3
P 2154	LINEA B*2	S.M.L. 56/7
P 2155	LINEA B*2	TAPOO-CHO-2
P 2156	LINEA B*2	CA 902/B/3/3
P 2157	LINEA B*2	P.I. 184675-2
P 2158	LINEA B*2	COLOMBIA 1
P 2159	LINEA B*2	TETEP
P 2160	CICA4*2	RAMINAD STRAIN 3
P 2161	CICA4*2	S.M.L. 56/7
P 2162	CICA4*2	P.I. 184675-2
P 2163	CICA4*2	COLOMBIA 1
P 2164	CICA4*2	TAPOO-CHO-2
P 2165	CICA9*2	S.M.L. 56/7
P 2166	CICA9*2	TAPOO-CHO-2
P 2167	CICA9*2	CA 902/B/3/3
P 2168	CICA9*2	P.I. 184675-2
P 2169	CICA9*2	COLOMBIA 1
P 2170	CICA9*2	RAMINAD STRAIN 3
P 2171	4440	TAPOO-CHO-2/BAHAGIA
P 2172	CICA9	TAPOO-CHO-2/BAHAGIA
P 2173	CICA7	TAPOO-CHO-2/BAHAGIA
P 2174	4440	KB/BAHAGIA
P 2175	CICA9	KB/BAHAGIA
P 2176	CICA7	KB/BAHAGIA
P 2177	BG 90-2	KB/BAHAGIA
P 2178	CICA4	TAPOO-CHO-2/BAHAGIA
P 2179	4440	BG 90-2/RAMINAD STRAIN 3
P 2180	4440	BG 90-2/S.M.L. 56/7
P 2181	4440	BG 90-2/IR 22
P 2182	4440	BG 90-2/PELITA 1/1
P 2183	4440	BG 90-2/TAPOO-CHO-2
P 2184	4468	BG 90-2/TAPOO-CHO-2
P 2185	4468	BG 90-2/COLOMBIA 1
P 2186	4440	BG 90-2/COLOMBIA 1
P 2187	4468	BG 90-2/P.I. 184675-2
P 2188	4440	BG 90-2/P.I. 184675-2
P 2189	4440	BG 90-2/BAHAGIA
P 2190	4468	BG 90-2/CA 902/B/3/3
P 2191	CICA9	BG 90-2/BAHAGIA
P 2192	CICA7	BG 90-2/KB
P 2193	4440	BG 90-2/KB
P 2194	4442	BG 90-2/KB
P 2195	4468	BG 90-2/KB
P 2196	4414	BG 90-2/TAPOO-CHO-2
P 2197	4414	BG 90-2/CA902/B/3/3
P 2198	4414	BG 90-2/COLOMBIA 1
P 2199	4414	BG 90-2/RAMINAD STRAIN 3
P 2200	CICA4	BG 90-2/CA902/B/3/3

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2201	CICA4	B6 90-2/S.M.L. 56/7
P 2202	FLOTANTE NO.36	B6 90-2 / TAPOO-CHO-Z
P 2203	FLOTANTE NO.36	B6 90-2/4440
P 2204	FLOTANTE NO.36	B6 90-2/CICA7
P 2205	B6 90-2	4440/COLUMBIA 1
P 2206	B6 90-2	4440/TAPOO-CHO-Z
P 2207	B6 90-2	CICA9/TAPOO-CHO-Z
P 2208	B6 90-2	CICA9/COLUMBIA 1
P 2209	B6 90-2	4440 /CA902/B/3/3
P 2210	B6 90-2	4468/TAPOO-CHO-Z
P 2211	B6 90-2	4468/ COLUMBIA 1
P 2212	B6 90-2	4468/ P.I. 184675-2
P 2213	B6 90-2	CICA4/TAPOO-CHO-Z
P 2214	B6 90-2	CICA4/COLUMBIA 1
P 2215	B6 90-2	CICA4 / P.I. 184675-2
P 2216	CICA9	4440/REHADJA
P 2217	CICA7	4440/REHADJA
P 2218	CICA4	4440/REHADJA
P 2219	4414	4440/REHADJA
P 2220	B6 94-1	4440/REHADJA
P 2221	CICA9	B6 66-1/4440
P 2222	CICA7	B6 66-1/4440
P 2223	4414	B6 66-1/4440
P 2224	B6 94-1	B6 66-1/4440
P 2225	CICA4	B6 66-1/4440
P 2226	CICA4	B6 66-1/CA 902/B/3/3
P 2227	4440	B6 66-1/CA 902/B/3/3
P 2228	CICA9	B6 66-1/CA 902/B/3/3
P 2229	4414	B6 66-1/CA 902/B/3/3
P 2230	CICA9	4440 /PELITA 1/1
P 2231	CICA7	4440 /PELITA 1/1
P 2232	4414	4440 /PELITA 1/1
P 2233	CICA4	4440 /PELITA 1/1
P 2234	B6 94-1	4440 /PELITA 1/1
P 2235	CICA9	TAPOO-CHO-Z/PELITA 1/1
P 2236	CICA7	TAPOO-CHO-Z/PELITA 1/1
P 2237	4440	TAPOO-CHO-Z/PELITA 1/1
P 2238	CICA4	TAPOO-CHO-Z/PELITA 1/1
P 2239	B6 94-1	TAPOO-CHO-Z/PELITA 1/1
P 2240	RD7	4442/4440
P 2241	B6 94-1	4422/4440
P 2242	FLOTANTE NO.36	4422/4440
P 2243	PELITA 1/1	4422/4440
P 2244	RD7	IR 2793-80-1/CICA9
P 2245	4414	IR 2793-80-1/CICA9
P 2246	CICA4	IR 2793-80-1/CICA9
P 2247	B6 94-1	IR 2793-80-1/CICA9
P 2248	FLOTANTE NO.36	IR 2793-80-1/CICA9
P 2249	RD7	IR 2793-80-1/CICA7
P 2250	4414	IR 2793-80-1/CICA7

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2251	CICAA	IR 2793-80-1/CICAA7
P 2252	BG 94-1	IR 2793-80-1/CICAA7
P 2253	FLOTANTE NO.36	IR 2793-80-1/CICAA7
P 2254	CICA 7	REMAJIA /CA 902/B/3/3
P 2255	4440	REMAJIA /CA 902/B/3/3
P 2256	CICA 4	REMAJIA /CA 902/B/3/3
P 2257	BG 94-1	REMAJIA /CA 902/B/3/3
P 2258	4440	REMAJIA/TAPOO-CHO-Z
P 2259	CICA 4	REMAJIA/TAPOO-CHO-Z
P 2260	CICA 9	REMAJIA/TAPOO-CHO-Z
P 2261	CICA 7	REMAJIA/TAPOO-CHO-Z
P 2262	4440	CICA 4/PELITA 1/1
P 2263	4414	BAHAGIA /IR2793-80-1
P 2264	CICA 4	BAHAGIA /IR2793-80-1
P 2265	CICA 7	BAHAGIA /IR2793-80-1
P 2266	CICA 9	BAHAGIA /IR2793-80-1
P 2267	BG 94-1	BAHAGIA /IR2793-80-1
P 2268	4440	CICA 4/BG 66-1
P 2269	4440	LINEA 13/PELITA 1/1
P 2270	CICA 7	LINEA 13/PELITA 1/1
P 2271	BG 94-1	4422/CICA 7
P 2272	CICA 4	4422/CICA 7
P 2273	RD 7	4422/CICA 7
P 2274	FLOTANTE NO.36	4422/CICA 7
P 2275	FLOTANTE NO.36	CICA 9/CICA 7
P 2276	FLOTANTE NO.36	4440/CICA 7
P 2277	FLOTANTE NO.36	CICA 7/TAPOO-CHO-Z
P 2278	FLOTANTE NO.36	CICA 9/TAPOO-CHO-Z
P 2279	FLOTANTE NO.36	4440/TAPOO-CHO-Z
P 2280	CICA 4	4440/TAPOO-CHO-Z
P 2281	FLOTANTE NO.36	5461/CICA 9
P 2282	FLOTANTE NO.36	5461/CICA 7
P 2283	FLOTANTE NO.36	5461/4440
P 2284	FLOTANTE NO.36	5461/4422
P 2285	BG 94-1	5461/4422
P 2286	4414*2	TETEP
P 2287	CICA 4*2	TETEP
P 2288	CICA 9*2	TETEP
P 2289	IR 2793-80-1	IR 5-64-2-2
P 2290	S.M.L. 56/7	IR 5-64-2-2
P 2291	PI 184675-2	IR 5-64-2-2
P 2292	CA 902/B/3/3	IR 5-64-2-2
P 2293	RD 7	CICA 7
P 2294	RD 7	TAPOO-CHO-Z
P 2295	RD 7	SML 56/7
P 2296	RD 7	COLOMBIA 1
P 2297	RD 7	CA 902/B/3/3
P 2298	FLOTANTE NO.36	CICA 7
P 2299	FLOTANTE NO.36	2940
P 2300	FLOTANTE NO.36	COLOMBIA 1

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2301	B6 90-2	KB
P 2302	KB	TAPOO-CHO-2
P 2303	CICA 9	4440
P 2304	4440	CICA 7
P 2305	IR 2793-80-1	CICA 7
P 2306	TAPOO-CHO-2	IR 2793-80-1
P 2307	CICA 4	B6 66-1
P 2308	CICA 4	PELITA 1/1
P 2309	4440	KB
P 2310	MONOLYA	CICA 9/COLOMBIA 1
P 2311	B6 66-1/TETEP	4440/COLOMBIA 1
P 2312	B6 66-1/TETEP	CICA 4/COLOMBIA 1
P 2313	B6 90-2/CICA 7	4440/COLOMBIA 1
P 2314	B6 90-2/COLOMBIA 1	4468/TETEP
P 2315	B6 90-2/BAHAGIA	TETEP/ IRS
P 2316	P 889-55-5-2-5-2-1B	P2039
P 2317	P 899-55-5-2-5-2-1B	P2041
P 2318	P2042	1845
P 2319	P2042	1156
P 2320	B6 90-2	P2041
P 2321	P2042	B6 90-2
P 2322	P2043	4414
P 2323	P2044	IR22
P 2324	B6 90-2*3	MUDGO
P 2325	CICA 9*3	MUDGO
P 2326	4440*3	MUDGO
P 2327	LIRA BLANCO	CICA 4
P 2328	LIRA BLANCO	CICA 7
P 2329	LIRA BLANCO	CICA 9
P 2330	LIRA BLANCO	B6 90-2
P 2331	LIRA BLANCO	4440
P 2332	LIRA BLANCO	4414
P 2333	MASOL	CICA 4
P 2334	MASOL	CICA 7
P 2335	MASOL	CICA 9
P 2336	MASOL	B6 90-2
P 2337	MASOL	4440
P 2338	MASOL	4414
P 2339	LEBONNET	CICA 4
P 2340	LEBONNET	CICA 7
P 2341	LEBONNET	CICA 9
P 2342	LEBONNET	B6 90-2
P 2343	LEBONNET	4440
P 2344	LEBONNET	4414
P 2345	CICA 8	RENAJUA
P 2346	CICA 9*3	PELITA 1/1
P 2347	CICA 8	PELITA 1/1
P 2348	CICA 8	B6 66-1
P 2349	CICA 9*3	B6 66-1
P 2350	CICA 4*3	PELITA 1/1

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2351	CICA 4+3	BG 66-1
P 2352	TAPURIPA	1170
P 2353	TAPURIPA	1884
P 2354	TAPURIPA	1869
P 2355	TAPURIPA	1845
P 2356	TAPURIPA	3555
P 2357	TAPURIPA	3582
P 2358	TAPURIPA	3868
P 2359	TAPURIPA	CICA 4
P 2360	3528	TAPURIPA
P 2361	2692	TAPURIPA
P 2362	3834	TAPURIPA
P 2363	3674	TAPURIPA
P 2364	3604	TAPURIPA
P 2365	1279	TAPURIPA
P 2366	2485	TAPURIPA
P 2367	3528	CAMPONI
P 2368	3555	CAMPONI
P 2369	2692	CAMPONI
P 2370	3834	CAMPONI
P 2371	3868	CAMPONI
P 2372	3674	CAMPONI
P 2373	3604	CAMPONI
P 2374	1170	CAMPONI
P 2375	1884	CAMPONI
P 2376	1869	CAMPONI
P 2377	1845	CAMPONI
P 2378	2485	CAMPONI
P 2379	CICA 4	CAMPONI
P 2380	IR 11-452	1170
P 2381	IR 11-452	1884
P 2382	IR 11-452	1869
P 2383	IR 11-452	1845
P 2384	IR 11-452	3555
P 2385	IR 11-452	3582
P 2386	IR 11-452	3868
P 2387	IR 11-452	CICA 4
P 2388	SENCHO	1170
P 2389	SENCHO	1884
P 2390	SENCHO	1869
P 2391	SENCHO	1845
P 2392	SENCHO	3555
P 2393	SENCHO	3582
P 2394	SENCHO	3868
P 2395	SENCHO	CICA 4
P 2396	3210	IR 2793-80-1/185-64-2-2
P 2397	3224	IR 2793-80-1/185-64-2-2
P 2398	2476	IR 2793-80-1/185-64-2-2
P 2399	2492	IR 2793-80-1/185-64-2-2
P 2400	3834	IR 2793-80-1/185-64-2-2

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2401	3868	IR 2793-80-1/1RS-64-2-2
P 2402	8694-1	IR 2793-80-1/1RS-64-2-2
P 2403	3528	P.I.184675-2/1RS-64-2-2
P 2404	3834	P.I.184675-2/1RS-64-2-2
P 2405	3868	P.I.184675-2/1RS-64-2-2
P 2406	8694-1	P.I.184675-2/1RS-64-2-2
P 2407	3528	CA902/B/3/3/1RS-64-2-2
P 2408	3555	CA902/B/3/3/1RS-64-2-2
P 2409	2692	CA902/B/3/3/1RS-64-2-2
P 2410	3834	CA902/B/3/3/1RS-64-2-2
P 2411	3868	CA902/B/3/3/1RS-64-2-2
P 2412	3604	CA902/B/3/3/1RS-64-2-2
P 2413	8694-1	CA902/B/3/3/1RS-64-2-2
P 2414	3210	RD 7/CICA 7
P 2415	3224	RD7/CICA 7
P 2416	2692	RD7/CICA 7
P 2417	3834	RD7/CICA 7
P 2418	3868	RD7/CICA 7
P 2419	3210	RD7/ TAPOO-CHO-Z
P 2420	3224	RD7/ TAPOO-CHO-Z
P 2421	3555	RD7/ TAPOO-CHO-Z
P 2422	3834	RD7/ TAPOO-CHO-Z
P 2423	3868	RD7/ TAPOO-CHO-Z
P 2424	2692	RD7/ S.M.L. 56/7
P 2425	3834	RD7/ S.M.L. 56/7
P 2426	3868	RD7/ S.M.L. 56/7
P 2427	3555	RD7/ S.M.L. 56/7
P 2428	3528	RD7/ S.M.L. 56/7
P 2429	3604	RD7/ S.M.L. 56/7
P 2430	3210	RD7/ COLOMBIA 1
P 2431	3224	RD7/ COLOMBIA 1
P 2432	3834	RD7/ COLOMBIA 1
P 2433	3868	RD7/ COLOMBIA 1
P 2434	3843	RD7/ COLOMBIA 1
P 2435	2476	RD 7/CA 902/B/3/3
P 2436	3555	RD 7/CA 902/B/3/3
P 2437	2692	RD 7/CA 902/B/3/3
P 2438	3834	RD 7/CA 902/B/3/3
P 2439	3868	RD 7/CA 902/B/3/3
P 2440	3674	RD 7/CA 902/B/3/3
P 2441	3210	FLOTANTE 36/CICA 7
P 2442	3224	FLOTANTE 36/CICA 7
P 2443	3834	FLOTANTE 36/CICA 7
P 2444	3868	FLOTANTE 36/CICA 7
P 2445	3210	FLOTANTE 36/2940
P 2446	3224	FLOTANTE 36/2940
P 2447	3528	FLOTANTE 36/2940
P 2448	3834	FLOTANTE 36/2940
P 2449	3868	FLOTANTE 36/2940
P 2450	3210	FLOTANTE 36/COLOMBIA 1

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2451	3224	FLOTANTE 36/COLOMBIA 1
P 2452	2692	FLOTANTE 36/COLOMBIA 1
P 2453	3555	FLOTANTE 36/COLOMBIA 1
P 2454	3834	FLOTANTE 36/COLOMBIA 1
P 2455	3843	FLOTANTE 36/COLOMBIA 1
P 2456	3868	FLOTANTE 36/COLOMBIA 1
P 2457	2476	CICA 8/K 8
P 2458	2485	CICA 8/K 8
P 2459	3528	CICA 8/K 8
P 2460	3555	CICA 8/K 8
P 2461	3582	CICA 8/K 8
P 2462	3674	CICA 8/K 8
P 2463	3604	CICA 8/K 8
P 2464	2692	B690-2/K 8
P 2465	3834	B690-2/K 8
P 2466	3843	B690-2/K 8
P 2467	3868	B690-2/K 8
P 2468	2692	CICA 8/CICA 9
P 2469	3834	CICA 8/CICA 9
P 2470	3868	CICA 8/CICA 9
P 2471	2476	CICA 8/CICA 7
P 2472	3555	CICA 8/CICA 7
P 2473	3834	CICA 8/CICA 7
P 2474	3868	CICA 8/CICA 7
P 2475	3604	CICA 8/CICA 7
P 2476	3674	CICA 8/CICA 7
P 2477	B694-1	CICA 8/CICA 7
P 2478	2476	IR2793-80-1/CICA 7
P 2479	2485	IR2793-80-1/CICA 7
P 2480	3528	IR2793-80-1/CICA 7
P 2481	3555	IR2793-80-1/CICA 7
P 2482	2692	IR2793-80-1/CICA 7
P 2483	3834	IR2793-80-1/CICA 7
P 2484	3868	IR2793-80-1/CICA 7
P 2485	3674	IR2793-80-1/CICA 7
P 2486	3604	IR2793-80-1/CICA 7
P 2487	B694-1	IR2793-80-1/CICA 7
P 2488	2476	TAP00-CHO-2/IR2793-80-1
P 2489	3528	TAP00-CHO-2/IR2793-80-1
P 2490	3555	TAP00-CHO-2/IR2793-80-
P 2491	2692	TAP00-CHO-2/IR2793-80-
P 2492	3834	TAP00-CHO-2/IR2793-80-
P 2493	3868	TAP00-CHO-2/IR2793-80-
P 2494	3674	TAP00-CHO-2/IR2793-80-
P 2495	3604	TAP00-CHO-2/IR2793-80-
P 2496	B694-1	TAP00-CHO-2/IR2793-80-
P 2497	2692	CICA 4/PELITA 1/1
P 2498	3834	CICA 4/PELITA 1/1
P 2499	3843	CICA 4/PELITA 1/1
P 2500	3868	CICA 4/PELITA 1/1

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2501	1170	CICA 8/CICA 7
P 2502	1884	CICA 8/CICA 7
P 2503	1845	CICA 8/CICA 7
P 2504	1869	CICA 8/CICA 7
P 2505	1170	IR2793-80-1/CICA 7
P 2506	1279	IR2793-80-1/CICA 7
P 2507	1884	IR2793-80-1/CICA 7
P 2508	1845	IR2793-80-1/CICA 7
P 2509	1869	IR2793-80-1/CICA 7
P 2510	1170	P1900/P1901
P 2511	1279	P1900/P1901
P 2512	1845	P1900/P1901
P 2513	1869	P1900/P1901
P 2514	1884	P1900/P1901
P 2515	2476	P1900/P1901
P 2516	2485	P1900/P1901
P 2517	3528	P1900/P1901
P 2518	3555	P1900/P1901
P 2519	2692	P1900/P1901
P 2520	3834	P1900/P1901
P 2521	3843	P1900/P1901
P 2522	3868	P1900/P1901
P 2523	3674	P1900/P1901
P 2524	3604	P1900/P1901
P 2525	3528	P1900/P1902
P 2526	3555	P1900/P1902
P 2527	2692	P1900/P1902
P 2528	3834	P1900/P1902
P 2529	3868	P1900/P1902
P 2530	3674	P1900/P1902
P 2531	3604	P1900/P1902
P 2532	P1900	P1899/P1901
P 2533	P1900	P1899/P1902
P 2534	P1900	P1901/P1902
P 2535	P2099	P1900/P1901
P 2536	P2099	P1900/P1902
P 2537	P2099	P1900/P1899
P 2538	86 94-1	P1900/P1901
P 2539	86 94-1	P1900/P1902
P 2540	CICA 4	P1900/P1901
P 2541	CICA 4	P1900/P1902
P 2542	4414*3	S.M.L. 56/7
P 2543	4414*3	TAFOD-CHO-Z
P 2544	4414*3	P.I. 184675-2
P 2545	4414*3	CA 902/B/3/3
P 2546	4414*3	COLOMBIA 1
P 2547	4414*3	TETEP
P 2548	4414*3	S.M.L. 56/7
P 2549	4414*3	TAFOD-CHO-Z
P 2550	4414*3	P.I. 184675-2

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2551	4440*3	CA 902/B/3/3
P 2552	4440*3	COLOMBIA
P 2553	4440*3	TETEP
P 2554	4468*3	S.M.L. 56/7
P 2555	4468*3	TAPOO-CHO-Z
P 2556	446883	P.I. 184675-2
P 2557	4468*3	CA 902/B/3/3
P 2558	4468*3	COLOMBIA 1
P 2559	4468*3	TETEP
P 2560	B6 90-2*3	S.M.L. 56/7
P 2561	B6 90-2*3	TAPOO-CHO-Z
P 2562	B6 90-2*3	CA 902/B/3/3
P 2563	B6 90-2*3	P.I. 184675-2
P 2564	B6 90-2*3	COLOMBIA 1
P 2565	B6 90-2*3	TETEP
P 2566	LINEA B*3	S.M.L. 56/7
P 2567	LINEA B*3	TAPOO-CHO-Z
P 2568	LINEA B*3	CA 902/B/3/3
P 2569	LINEA B*3	P.I. 184675-2
P 2570	LINEA B*3	COLOMBIA 1
P 2571	LINEA B*3	TETEP
P 2572	CICA 4*3	S.M.L. 56/7
P 2573	CICA 4*3	P.I. 184675-2
P 2574	CICA 4*3	COLOMBIA 1
P 2575	CICA 4*3	TAPOO-CHO-Z
P 2576	CICA 4*3	TETEP
P 2577	CICA 9*3	S.M.L. 56/7
P 2578	CICA 9*3	TAPOO-CHO-Z
P 2579	CICA 9*3	CA902/B/3/3
P 2580	CICA 9*3	P.I. 184675-2
P 2581	CICA 9*3	COLOMBIA 1
P 2582	CICA 9*3	TETEP
P 2583	MONOLAYA	4414/ RANIMAD STR 3
P 2584	BBT-50	4414/ RANIMAD STR 3
P 2585	MONOLAYA	4414/ S.M.L. 56/7
P 2586	MONOLAYA	4414/ COLOMBIA 1
P 2587	BBT 50	4414/ COLOMBIA 1
P 2588	MONOLAYA	4468/S.M.L. 56/7
P 2589	BBT 50	B6 90-2/TAPOO-CHO-Z
P 2590	MONOLAYA	B6 90-2/CA 902/B/3/3
P 2591	BBT 50	B6 90-2/CA 902/B/3/3
P 2592	MONOLAYA	B6 90-2/S.M.L. 56/7
P 2593	MONOLAYA	LINEA 8/S.M.L. 56/7
P 2594	MONOLAYA	LINEA 8/ TAPOO-CHO-Z
P 2595	BBT 50	LINEA 8/COLOMBIA 1
P 2596	MONOLAYA	LINEA 8/TETEP
P 2597	BBT 50	LINEA 8/TETEP
P 2598	MONOLAYA	CICA 4/S.M.L. 56/7
P 2599	BBT 50	CICA 4/S.M.L. 56/7
P 2600	MONOLAYA	CICA 4/TAPOO-CHO-Z

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2601	4414#4/4422	IR 081/C 46-15
P 2602	BG 90-2/5	TETEP
P 2603	TAPURIPA	MORBEREKAN
P 2604	MORBEREKAN	CAMPONI
P 2605	MORBEREKAN	SENCHO
P 2606	SUAKOKO	CEYSVONI
P 2607	SUAKOKO	SENCHO
P 2608	TAPURIPA	O.S. 6
P 2609	CEYSVONI	O.S. 6
P 2610	IRAT 8	CAMPONI
P 2611	IRAT 8	SENCHO
P 2612	IRAT 10	TAPURIPA
P 2613	IRAT 10	CAMPONI
P 2614	IRAT 10	SENCHO
P 2615	IRAT 13	TAPURIPA
P 2616	IRAT 13	CAMPONI
P 2617	IR 11-452	TAPURIPA
P 2618	IR 11-452	CAMPONI
P 2619	IR 11-452	SENCHO
P 2620	IR 11-452	CEYSVONI
P 2621	IRAT 8	CEYSVONI
P 2622	IRAT 13	CEYSVONI
P 2623	63-83	CEYSVONI
P 2624	3210	2940
P 2625	3210	2941
P 2626	3224	2940
P 2627	3224	2941
P 2628	3250	2940
P 2629	3250	2941
P 2630	CIWINI	CICA 4
P 2631	LIRA BLANCO/CICA 4	4414#2/TETEP
P 2632	LIRA BLANCO/CICA 7	CICA 8
P 2633	LIRA BLANCO/CICA 9	CICA 4/ TETEP
P 2634	LIRA BLANCO/BG 90-2	4414#2 TETEP
P 2635	LIRA BLANCO/CICA 4	P2287
P 2636	LIRA BLANCO/IR 665-23-3/1	P2287
P 2637	MASOL/CICA 4	4414#2 TETEP
P 2638	MASOL/CICA 7	CICA 8
P 2639	MASOL /CICA 9	CICA 4#2 TETEP
P 2640	MASOL /EG 90-2	CICA 9#2 TETEP
P 2641	MASOL /CICA 4	P2287
P 2642	MASOL /IR665-23-3-1	P1885
P 2643	LEBONNET/CICA 4	4440/CICA 7
P 2644	LEBONNET/CICA 7	4440/CICA 7
P 2645	LEBONNET/CICA 9	CICA 4#2 TETEP
P 2646	LEBONNET/BG 90-2	CICA 4/
P 2647	LEBONNET/CICA 4	P2287
P 2648	LEBONNET/IR665-23-3-1	P1885
P 2649	P1925	P1989
P 2650	CICA 4/COLOMBIA 1	8690-2/ TETEP

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2651	BG 90-2/COLOMBIA 1	CICA 9/ TETEP
P 2652	P1925	P1947
P 2653	P1932	P1881
P 2654	BG 90-2/COLOMBIA 1	BG 90-2/CICA 4
P 2655	4440	KB/TAPOO-CHO-Z
P 2656	CICA 9	KB/TAPOO-CHO-Z
P 2657	CICA 7	KB/TAPOO-CHO-Z
P 2658	CICA 4	KB/TAPOO-CHO-Z
P 2659	BG 90-2	KB/TAPOO-CHO-Z
P 2660	INTI	KB/TAPOO-CHO-Z
P 2661	1170	KB/TAPOO-CHO-Z
P 2662	2476	KB/TAPOO-CHO-Z
P 2663	3528	KB/TAPOO-CHO-Z
P 2664	3555	KB/TAPOO-CHO-Z
P 2665	3834	KB/TAPOO-CHO-Z
P 2666	3868	KB/TAPOO-CHO-Z
P 2667	3604	KB/TAPOO-CHO-Z
P 2668	3674	KB/TAPOO-CHO-Z
P 2669	2123	KB/TAPOO-CHO-Z
P 2670	2485	KB/TAPOO-CHO-Z
P 2671	CIWINI	KB
P 2672	CAMPONI	KB
P 2673	CEYSVONI	KB
P 2674	TAPURIPA	KB
P 2675	4414+4	S.M.L. 56/7
P 2676	4414+4	TAPOO-CHO-Z
P 2677	4414+4	P.I. 184675-2
P 2678	4414+4	CA 902/B/3/3
P 2679	4414+4	COLOMBIA 1
P 2680	4414+4	TETEP
P 2681	4440+4	S.M.L. 56/7
P 2682	4440+4	TAPOO-CHO-Z
P 2683	4440+4	P.I. 184675-2
P 2684	4440+4	CA 902/B/3/3
P 2685	4440+4	COLOMBIA 1
P 2686	4440+4	TETEP
P 2687	4468+4	S.M.L. 56/7
P 2688	4468+4	TAPOO-CHO-Z
P 2689	4468+4	P.I. 184675-2
P 2690	4468+4	CA 902/B/3/3
P 2691	4468+4	COLOMBIA 1
P 2692	4468+4	TETEP
P 2693	BG 90-2+4	S.M.L. 56/7
P 2694	BG 90-2+4	TAPOO-CHO-Z
P 2695	BG 90-2+4	P.I. 184675-2
P 2696	BG 90-2+4	CA 902/B/3/3
P 2697	BG 90-2+4	COLOMBIA 1
P 2698	BG 90-2+4	TETEP
P 2699	LINEA B+4	TAPOO-CHO-Z
P 2700	LINEA B+4	P.I. 184675-2

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2701	LINEA 8+4	CA 902/8/3/3
P 2702	LINEA 8+4	COLOMBIA 1
P 2703	LINEA 8+4	TETEP
P 2704	CICA 4+4	TAPCO-CMO-2
P 2705	CICA 4+4	P.I. 184675-2
P 2706	CICA 4+4	COLOMBIA 1
P 2707	CICA 4+4	TETEP
P 2708	CICA 9+4	TAPCO-CMO-2
P 2709	CICA 9+4	CA 902/8/3/3
P 2710	CICA 9+4	COLOMBIA 1
P 2711	CICA 9+4	TETEP
P 2712	4440+4	REMGJA
P 2713	CICA 9+4	PELITA 1/1
P 2714	4440+4	PELITA 1/1
P 2715	4440+4	B6 66-1
P 2716	CICA 9+4	B6 66-1
P 2717	CICA 4+4	PELITA 1/1
P 2718	CICA 4+4	B6 66-1
P 2719	B6 90-2+4	MUDGO
P 2720	CICA 9+4	MUDGO
P 2721	4440+4	MUDGO
P 2722	2485	P 2095
P 2723	B6 90-2	P 2095
P 2724	INT1	P 2095
P 2725	IR 262	P 2095
P 2726	2123	P 2095
P 2727	2476	P 2095
P 2728	1313	P 2095
P 2729	2485	P 2096
P 2730	B6 90-2	P 2096
P 2731	INT1	P 2096
P 2732	IR 262	P 2096
P 2733	2123	P 2096
P 2734	2476	P 2096
P 2735	1213	P 2096
P 2736	1170	MORBEREKAN/CAMPONI
P 2737	B6 90-2	MORBEREKAN/CAMPONI
P 2738	CICA 4	MORBEREKAN/CAMPONI
P 2739	IR 262	MORBEREKAN/CAMPONI
P 2740	2485	MORBEREKAN/CAMPONI
P 2741	5209	MORBEREKAN/CAMPONI
P 2742	2667	MORBEREKAN/CAMPONI
P 2743	LINEA 13	MORBEREKAN/CAMPONI
P 2744	2123	MORBEREKAN/CAMPONI
P 2745	INT1	MORBEREKAN/CAMPONI
P 2746	5568	MORBEREKAN/CAMPONI
P 2747	B6 94-1	MORBEREKAN/CAMPONI
P 2748	3467	MORBEREKAN/CAMPONI
P 2749	1170	MORBEREKAN / SENCHO
P 2750	CICA 4	MORBEREKAN / SENCHO

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2751	INTI	MROGBEREKAN / SENCHO
P 2752	1170	O.S. 6 / TAPURIPA
P 2753	5209	O.S. 6 / TAPURIPA
P 2754	2485	O.S. 6 / TAPURIPA
P 2755	3467	O.S. 6 / TAPURIPA
P 2756	3674	O.S. 6 / TAPURIPA
P 2757	CICA 4	O.S. 6 / TAPURIPA
P 2758	BG 90-2	O.S. 6 / TAPURIPA
P 2759	IR 262	O.S. 6 / TAPURIPA
P 2760	LINEA B	O.S. 6 / TAPURIPA
P 2761	2123	O.S. 6 / TAPURIPA
P 2762	5568	O.S. 6 / TAPURIPA
P 2763	BG 94-1	O.S. 6 / TAPURIPA
P 2764	2485	O.S.6/CEYSVONI
P 2765	1170	O.S.6/CEYSVONI
P 2766	2476	O.S.6/CEYSVONI
P 2767	3674	O.S.6/CEYSVONI
P 2768	5209	O.S.6/CEYSVONI
P 2769	3859	O.S.6/CEYSVONI
P 2770	IR 262	O.S.6/CEYSVONI
P 2771	BG 90-2	O.S.6/CEYSVONI
P 2772	LINEA 13	O.S.6/CEYSVONI
P 2773	5594	O.S.6/CEYSVONI
P 2774	INTI	O.S.6/CEYSVONI
P 2775	BG 94-1	O.S.6/CEYSVONI
P 2776	2123	O.S.6/CEYSVONI
P 2777	1170	IRAT B / CAMPONI
P 2778	2476	IRAT B / CAMPONI
P 2779	3467	IRAT B / CAMPONI
P 2780	3664	IRAT B / CAMPONI
P 2781	2667	IRAT B / CAMPONI
P 2782	5209	IRAT B / CAMPONI
P 2783	CICA 4	IRAT B / CAMPONI
P 2784	IR 262	IRAT B / CAMPONI
P 2785	BG 90-2	IRAT B / CAMPONI
P 2786	LINEA B	IRAT B / CAMPONI
P 2787	LINEA 13	IRAT B / CAMPONI
P 2788	5568	IRAT B / CAMPONI
P 2789	2123	IRAT B / CAMPONI
P 2790	INTI	IRAT B / CAMPONI
P 2791	BG 94-1	IRAT B / CAMPONI
P 2792	1170	IRATB /SENCHO
P 2793	1313	IRAT B/SENCHO
P 2794	5209	IRAT B/SENCHO
P 2795	2608	IRAT B/SENCHO
P 2796	2667	IRAT B/SENCHO
P 2797	BG 90-2	IRAT B/SENCHO
P 2798	IR 262	IRAT B/SENCHO
P 2799	LINEA B	IRAT B/SENCHO
P 2800	5594	IRAT B/SENCHO

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2801	INT1	IRAT 8/SENCHO
P 2802	B6 94-1	IRAT 8/SENCHO
P 2803	1170	IRAT 10/ TAPURIPA
P 2804	2476	IRAT 10/ TAPURIPA
P 2805	2485	IRAT 10/ TAPURIPA
P 2806	3467	IRAT 10/ TAPURIPA
P 2807	3417	IRAT 10/ TAPURIPA
P 2808	3674	IRAT 10/ TAPURIPA
P 2809	2667	IRAT 10/ TAPURIPA
P 2810	5209	IRAT 10/ TAPURIPA
P 2811	CICA 4	IRAT 10/ TAPURIPA
P 2812	IR 262	IRAT 10/ TAPURIPA
P 2813	B6 90-2	IRAT 10/ TAPURIPA
P 2814	LINEA B	IRAT 10/ TAPURIPA
P 2815	5568	IRAT 10/ TAPURIPA
P 2816	2123	IRAT 10/ TAPURIPA
P 2817	INT1	IRAT 10/ TAPURIPA
P 2818	B6 94-1	IRAT 10/ TAPURIPA
P 2819	1170	IRAT 10 / CAMPONI
P 2820	2476	IRAT 10 / CAMPONI
P 2821	2485	IRAT 10 / CAMPONI
P 2822	3674	IRAT 10 / CAMPONI
P 2823	2608	IRAT 10 / CAMPONI
P 2824	3843	IRAT 10 / CAMPONI
P 2825	5209	IRAT 10 / CAMPONI
P 2826	CICA 4	IRAT 10 / CAMPONI
P 2827	IR 262	IRAT 10 / CAMPONI
P 2828	B6 90-2	IRAT 10 / CAMPONI
P 2829	2123	IRAT 10 / CAMPONI
P 2830	INT1	IRAT 10 / CAMPONI
P 2831	B6 94-1	IRAT 10 / CAMPONI
P 2832	3417	IRAT 10 / CAMPONI
P 2833	1170	IRAT 10 / SENCHO
P 2834	5209	IRAT 10 / SENCHO
P 2835	2476	IRAT 10 / SENCHO
P 2836	3674	IRAT 10 / SENCHO
P 2837	2667	IRAT 10 / SENCHO
P 2838	3843	IRAT 10 / SENCHO
P 2839	B6 90-2	IRAT 10 / SENCHO
P 2840	5594	IRAT 10 / SENCHO
P 2841	INT1	IRAT 10 / SENCHO
P 2842	1170	IRAT 13 / CAMPONI
P 2843	1313	IRAT 13 / CAMPONI
P 2844	2485	IRAT 13 / CAMPONI
P 2845	3843	IRAT 13 / CAMPONI
P 2846	5209	IRAT 13 / CAMPONI
P 2847	B6 90-2	IRAT 13 / CAMPONI
P 2848	2123	IRAT 13 / CAMPONI
P 2849	INT1	IRAT 13 / CAMPONI
P 2850	1170	IR11-452-/CAMPONI

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2851	2476	IR11-452-/CAMPONI
P 2852	2495	IR11-452-/CAMPONI
P 2853	3467	IR11-452-/CAMPONI
P 2854	3674	IR11-452-/CAMPONI
P 2855	2667	IR11-452-/CAMPONI
P 2856	5209	IR11-452-/CAMPONI
P 2857	3843	IR11-452-/CAMPONI
P 2858	3859	IR11-452-/CAMPONI
P 2859	CICA 4	IR11-452-/CAMPONI
P 2860	IR 262	IR11-452-/CAMPONI
P 2861	B6 90-2	IR11-452-/CAMPONI
P 2862	LINEA B	IR11-452-/CAMPONI
P 2863	LINEA 13	IR11-452-/CAMPONI
P 2864	5594	IR11-452-/CAMPONI
P 2865	2123	IR11-452-/CAMPONI
P 2866	INTI	IR11-452-/CAMPONI
P 2867	B6 94-1	IR11-452-/CAMPONI
P 2868	1170	IR 11-452 / SENCHO
P 2869	1313	IR 11-452 / SENCHO
P 2870	5209	IR 11-452 / SENCHO
P 2871	3417	IR 11-452 / SENCHO
P 2872	3674	IR 11-452 / SENCHO
P 2873	2667	IR 11-452 / SENCHO
P 2874	3859	IR 11-452 / SENCHO
P 2875	IR 262	IR 11-452 / SENCHO
P 2876	CICA 4	IR 11-452 / SENCHO
P 2877	B6 90-2	IR 11-452 / SENCHO
P 2878	2123	IR 11-452 / SENCHO
P 2879	INTI	IR 11-452 / SENCHO
P 2880	B6 94-1	IR 11-452 / SENCHO
P 2881	1170	IR 11-452 / CEYSVONI
P 2882	1313	IR 11-452 / CEYSVONI
P 2883	2476	IR 11-452 / CEYSVONI
P 2884	2495	IR 11-452 / CEYSVONI
P 2885	3467	IR 11-452 / CEYSVONI
P 2886	3674	IR 11-452 / CEYSVONI
P 2887	2667	IR 11-452 / CEYSVONI
P 2888	5209	IR 11-452 / CEYSVONI
P 2889	CICA 4	IR 11-452 / CEYSVONI
P 2890	B6 90-2	IR 11-452 / CEYSVONI
P 2891	IR 262	IR 11-452 / CEYSVONI
P 2892	LINEA B	IR 11-452 / CEYSVONI
P 2893	LINEA 13	IR 11-452 / CEYSVONI
P 2894	5568	IR 11-452 / CEYSVONI
P 2895	5594	IR 11-452 / CEYSVONI
P 2896	2123	IR 11-452 / CEYSVONI
P 2897	INTI	IR 11-452 / CEYSVONI
P 2898	B6 94-1	IR 11-452 / CEYSVONI
P 2899	1170	IRAT B / CEYSVONI
P 2900	2485	IRAT B / CEYSVONI

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2901	CICA 4	IRAT 8 / CEYSVONI
P 2902	IR 262	IRAT 8 / CEYSVONI
P 2903	B6 90-2	IRAT 8 / CEYSVONI
P 2904	5209	IRAT 8 / CEYSVONI
P 2905	2123	IRAT 8 / CEYSVONI
P 2906	INTI	IRAT 8 / CEYSVONI
P 2907	B6 94-1	IRAT 8 / CEYSVONI
P 2908	1170	IRAT 13 / CEYSVONI
P 2909	5209	IRAT 13 / CEYSVONI
P 2910	2476	IRAT 13 / CEYSVONI
P 2911	2485	IRAT 13 / CEYSVONI
P 2912	3467	IRAT 13 / CEYSVONI
P 2913	3674	IRAT 13 / CEYSVONI
P 2914	2667	IRAT 13 / CEYSVONI
P 2915	CICA 4	IRAT 13 / CEYSVONI
P 2916	IR 262	IRAT 13 / CEYSVONI
P 2917	B6 90-2	IRAT 13 / CEYSVONI
P 2918	LINEA 13	IRAT 13 / CEYSVONI
P 2919	5568	IRAT 13 / CEYSVONI
P 2920	5594	IRAT 13 / CEYSVONI
P 2921	2123	IRAT 13 / CEYSVONI
P 2922	INTI	IRAT 13 / CEYSVONI
P 2923	BAHAGIA	IRAT 13 / CEYSVONI
P 2924	B6 94-1	IRAT 13 / CEYSVONI
P 2925	1170	63-83 / CEYSVONI
P 2926	1313	63-83 / CEYSVONI
P 2927	2476	63-83 / CEYSVONI
P 2928	2485	63-83 / CEYSVONI
P 2929	3467	63-83 / CEYSVONI
P 2930	2667	63-83 / CEYSVONI
P 2931	CICA 4	63-83 / CEYSVONI
P 2932	IR 262	63-83 / CEYSVONI
P 2933	B6 90-2	63-83 / CEYSVONI
P 2934	LINEA 8	63-83 / CEYSVONI
P 2935	2123	63-83 / CEYSVONI
P 2936	INTI	63-83 / CEYSVONI
P 2937	BAHAGIA	63-83 / CEYSVONI
P 2938	B6 94-1	63-83 / CEYSVONI
P 2939	5209	63-83 / CEYSVONI
P 2940	CICA 4	2941/3210
P 2941	B6 90-2	2941/3210
P 2942	INTI	2941/3210
P 2943	IR 262	2941/3210
P 2944	1170	2941/3210
P 2945	2476	2941/3210
P 2946	3674	2941/3210
P 2947	2123	2941/3210
P 2948	5568	2941/3210
P 2949	3838	2941/3210
P 2950	5209	2941/3210

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 2951	5594	2941/3210
P 2952	5732	2941/3210
P 2953	K 8	2941/3210
P 2954	CICA 9	2941/3210
P 2955	CICA 4	2942/ 3224
P 2956	BG 90-2	2942/ 3224
P 2957	INTI	2942/ 3224
P 2958	IR 262	2942/ 3224
P 2959	1170	2942/ 3224
P 2960	2476	2942/ 3224
P 2961	3674	2942/ 3224
P 2962	2123	2942/ 3224
P 2963	5568	2942/ 3224
P 2964	3838	2942/ 3224
P 2965	5209	2942/ 3224
P 2966	5594	2942/ 3224
P 2967	5732	2942/ 3224
P 2968	K 8	2942/ 3224
P 2969	CICA 9	2942/ 3224
P 2970	2485	2940 / 3210
P 2971	BG 90-2	2940 / 3210
P 2972	INTI	2940 / 3210
P 2973	IR 262	2940 / 3210
P 2974	1170	2940 / 3210
P 2975	2476	2940 / 3210
P 2976	3674	2940 / 3210
P 2977	2123	2940 / 3210
P 2978	3467	2940 / 3210
P 2979	3838	2940 / 3210
P 2980	5209	2940 / 3210
P 2981	5568	2940 / 3210
P 2982	5594	2940 / 3210
P 2983	5732	2940 / 3210
P 2984	K 8	2940 / 3210
P 2985	CICA 9	2940 / 3210
P 2986	2485	2940 / 3224
P 2987	CICA 4	2940 / 3224
P 2988	BG 90-2	2940 / 3224
P 2989	INTI	2940 / 3224
P 2990	IR 262	2940 / 3224
P 2991	1170	2940 / 3224
P 2992	2476	2940 / 3224
P 2993	3467	2940 / 3224
P 2994	3838	2940 / 3224
P 2995	2123	2940 / 3224
P 2996	5568	2940 / 3224
P 2997	5209	2940 / 3224
P 2998	5594	2940 / 3224
P 2999	5732	2940 / 3224
P 3000	K8	2940/3224

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3001	CICA 9	2940/3224
P 3002	CICA 4	2940/ 3250
P 3003	2485	2940/ 3250
P 3004	B6 90-2	2940/ 3250
P 3005	INTI	2940/ 3250
P 3006	2674	2940/ 3250
P 3007	1170	2940/ 3250
P 3008	3838	2940/ 3250
P 3009	IR 262	2940/ 3250
P 3010	2123	2940/ 3250
P 3011	5568	2940/ 3250
P 3012	5209	2940/ 3250
P 3013	5594	2940/ 3250
P 3014	5732	2940/ 3250
P 3015	K 8	2940/ 3250
P 3016	CICA 9	2940/ 3250
P 3017	2485	2941 / 3250
P 3018	CICA 4	2941 / 3250
P 3019	B6 90-2	2941 / 3250
P 3020	INTI	2941 / 3250
P 3021	IR 252	2941 / 3250
P 3022	3467	2941 / 3250
P 3023	2476	2941 / 3250
P 3024	2123	2941 / 3250
P 3025	5568	2941 / 3250
P 3026	5209	2941 / 3250
P 3027	5594	2941 / 3250
P 3028	5732	2941 / 3250
P 3029	KB	2941 / 3250
P 3030	CICA 9	2941 / 3250
P 3031	CICA 4#2	CIWINI
P 3032	CIWINI#2	CICA 4
P 3033	IR262	TAPURIPA/KB
P 3034	1170	TAPURIPA/KB
P 3035	B6 374-1	TAPURIPA/KB
P 3036	3210	TAPURIPA/KB
P 3037	3224	TAPURIPA/KB
P 3038	3250	TAPURIPA/KB
P 3039	5209	TAPURIPA/KB
P 3040	5732	TAPURIPA/KB
P 3041	5722	TAPURIPA/KB
P 3042	5749	TAPURIPA/KB
P 3043	5754	TAPURIPA/KB
P 3044	5745	TAPURIPA/KB
P 3045	CICA 6	TAPURIPA/KB
P 3046	CICA 4	TAPURIPA/KB
P 3047	4468	TAPURIPA/KB
P 3048	COLOMBIA 1	TAPURIPA/KB
P 3049	B6 90-2	TAPURIPA/KB
P 3050	B6 90-2	CAMPONI/KB

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3051	1170	CAMPONI/KB
P 3052	3210	CAMPONI/KB
P 3053	3224	CAMPONI/KB
P 3054	3250	CAMPONI/KB
P 3055	5209	CAMPONI/KB
P 3056	5732	CAMPONI/KB
P 3057	5749	CAMPONI/KB
P 3058	5754	CAMPONI/KB
P 3059	5745	CAMPONI/KB
P 3060	CICA 6	CAMPONI/KB
P 3061	CICA 4	CAMPONI/KB
P 3062	4468	CAMPONI/KB
P 3063	B6 374-1	CAMPONI/KB
P 3064	1170	CEYSVONI/KB
P 3065	B6 90-2	CEYSVONI/KB
P 3066	IR 262	CEYSVONI/KB
P 3067	3210	CEYSVONI/KB
P 3068	3250	CEYSVONI/KB
P 3069	5209	CEYSVONI/KB
P 3070	CICA 6	CEYSVONI/KB
P 3071	CICA 4	CEYSVONI/KB
P 3072	3210	KB/BAHAGIA
P 3073	5749	KB/BAHAGIA
P 3074	5732	KB/BAHAGIA
P 3075	4468	KB/BAHAGIA
P 3076	CAMPONI	KB/BAHAGIA
P 3077	CIWINI	KB/BAHAGIA
P 3078	5209	2940/3210
P 3079	4468	2940/3210
P 3080	CICA 6	2930/3210
P 3081	CICA 4	2940/3210
P 3082	5732	2940/3210
P 3083	5722	2940/3210
P 3084	5749	2940/3210
P 3085	5754	2940/3210
P 3086	5745	2940/3210
P 3087	CAMPONI	2930/2210
P 3088	CIWINI	2940/3210
P 3089	B6 374-1	2940/3210
P 3090	COLUMBIA 1	2940/3210
P 3091	B6374-1	2940/3224
P 3092	CICA 4	2940/3224
P 3093	CICA 6	2940/3224
P 3094	5749	2940/3224
P 3095	5732	2940/3224
P 3096	CEYSVONI	2940/3224
P 3097	CAMPONI	2940/3224
P 3098	B6 90-2	2941/3250
P 3099	B6 374-1	2941/3250
P 3100	CICA 4	2941/3250

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3101	CICA 6	2941/3250
P 3102	COLOMBIA 1	2941/3250
P 3103	5209	2941/3250
P 3104	4468	2941/3250
P 3105	3210	2941/3250
P 3106	1170	2941/3250
P 3107	KB	COSTA RICA
P 3108	KB	M. I. 48
P 3109	COLOMBIA 1	COSTA RICA
P 3110	IR 262	COSTA RICA
P 3111	CAMPONI	M. I.-48
P 3112	CAMPONI	BRASIL
P 3113	CAMPONI	50817
P 3114	IRAT 8	COSTA RICA
P 3115	3250	COSTA RICA
P 3116	3224	IRAT 8
P 3117	3224	COSTA RICA
P 3118	3250	IRAT 8
P 3119	3250	CAMPONI
P 3120	IRAT 8	BRASIL
P 3121	IRAT 8	M. I. 48
P 3122	IRAT 8	AZUCENA
P 3123	3224	AZUCENA
P 3124	3224	M. I. 48
P 3125	CEYSVONI	BRASIL
P 3126	CAMPONI	AZUCENA
P 3127	CEYSVONI	M. I. 48
P 3128	CAMPONI	O.S. 6
P 3129	63-83	CAMPONI
P 3130	TAPURIPA	CICA 4
P 3131	TAPURIPA	1170
P 3132	TAPURIPA	2485
P 3133	CAMPONI	1170
P 3134	CAMPONI	CICA 4
P 3135	TAPURIPA	IR 262
P 3136	COSTA RICA	IR 262
P 3137	COSTA RICA	CICA 4
P 3138	TAPURIPA	8894-1
P 3139	TAPURIPA	5863
P 3140	TAPURIPA	5209
P 3141	TAPURIPA	5862
P 3142	COSTA RICA	5862
P 3143	COSTA RICA	5863
P 3144	COSTA RICA	1170
P 3145	COSTA RICA	5209
P 3146	COSTA RICA	86 90-2
P 3147	CAMPONI	IR262
P 3148	1170	2485
P 3149	1170	3674
P 3150	1170	2123

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3151	1170	3838
P 3152	1170	CICA 4
P 3153	1170	INTI
P 3154	1170	LINEA 8
P 3155	1170	IR-262
P 3156	1170	BG 90-2
P 3157	1170	5568
P 3158	1170	BG 374-1
P 3159	1170	BG 94-1
P 3160	2485	3674
P 3161	2485	2123
P 3162	2485	3838
P 3163	2485	CICA 4
P 3164	2485	INTI
P 3165	2485	LINEA 8
P 3166	2485	IR-262
P 3167	2485	BG 90-2
P 3168	2485	5568
P 3169	2485	BG 374-1
P 3170	2485	BG 94-1
P 3171	3674	2123
P 3172	3674	3838
P 3173	3674	CICA 4
P 3174	3674	INTI
P 3175	3674	LINEA 8
P 3176	3674	IR-262
P 3177	3674	BG 90-2
P 3178	3674	5568
P 3179	3674	BG 374-1
P 3180	3674	BG 94-1
P 3181	2123	3838
P 3182	2123	CICA 4
P 3183	2123	INTI
P 3184	2123	LINEA 8
P 3185	2123	IR-262
P 3186	2123	BG 90-2
P 3187	2123	5568
P 3188	2123	BG 374-1
P 3189	2123	BG 94-1
P 3190	3838	CICA 4
P 3191	3838	INTI
P 3192	3838	LINEA 8
P 3193	3838	IR-262
P 3194	3838	BG 90-2
P 3195	3838	5568
P 3196	3838	BG 374-1
P 3197	3838	BG 94-1
P 3198	CICA 4	INTI
P 3199	CICA 4	LINEA 8
P 3200	CICA 4	IR 262

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3201	CICA 4	B6 90-2
P 3202	CICA 4	5568
P 3203	CICA 4	B6 374-1
P 3204	CICA 4	B6 94-1
P 3205	INTI	LINEA 8
P 3206	INTI	IR-262
P 3207	INTI	B6 90-2
P 3208	INTI	5568
P 3209	INTI	B6 374-1
P 3210	INTI	B6 94-1
P 3211	LINEA 8	IR-262
P 3212	LINEA 8	B6 90-2
P 3213	LINEA 8	5568
P 3214	LINEA 8	B6 374-1
P 3215	LINEA 8	B6 94-1
P 3216	IR 262	B6 90-2
P 3217	IR 262	5568
P 3218	IR 262	B6 374-1
P 3219	IR 262	B6 94-1
P 3220	B6 90-2	5568
P 3221	B6 90-2	B6 374-1
P 3222	B6 90-2	B6 94-1
P 3223	5568	B6 374-1
P 3224	5568	B6 94-1
P 3225	B6 374-1	B6 94-1
P 3226	1170*3	TETEP
P 3227	1845*3	TETEP
P 3228	1854*3	TETEP
P 3229	2476*3	TETEP
P 3230	2485*3	TETEP
P 3231	3535*3	TETEP
P 3232	2692*3	TETEP
P 3233	1170*3	COLOMBIA 1
P 3234	1845*3	COLOMBIA 1
P 3235	1854*3	COLOMBIA 1
P 3236	2476*3	COLOMBIA 1
P 3237	2485*3	COLOMBIA 1
P 3238	3535*3	COLOMBIA 1
P 3239	2692*3	COLOMBIA 1
P 3240	1170*3	TAPOO-CHO-2
P 3241	1845*3	TAPOO-CHO-2
P 3242	1854*3	TAPOO-CHO-2
P 3243	2476*3	TAPOO-CHO-2
P 3244	2485*3	TAPOO-CHO-2
P 3245	3535*3	TAPOO-CHO-2
P 3246	2692*3	TAPOO-CHO-2
P 3247	1170*3	CA902/B/3/3
P 3248	1854*3	CA902/B/3/3
P 3249	1845*3	CA902/B/3/3
P 3250	2476*3	CA902/B/3/3

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3251	2485*3	CA902/B/3/3
P 3252	3555*3	CA902/B/3/3
P 3253	2492*3	CA902/B/3/3
P 3254	1170*3	S.M.L. 56/7
P 3255	1854*3	S.M.L. 56/7
P 3256	1845*3	S.M.L. 56/7
P 3257	2476*3	S.M.L. 56/7
P 3258	2485*3	S.M.L. 56/7
P 3259	3555*3	S.M.L. 56/7
P 3260	2492*3	S.M.L. 56/7
P 3261	CEYSVONI	BRASIL (IAC 25)
P 3262	KB	BRASIL (IAC 25)
P 3263	CAMPONI	AZUCENA
P 3264	IRAT B	BRASIL (IAC 25)
P 3265	CEYSVONI	IRAT B
P 3266	KB	AZUCENA
P 3267	IR 262	KB/COSTA RICA
P 3268	5738	KB/COSTA RICA
P 3269	5002	KB/COSTA RICA
P 3270	B6 374-1	KB/COSTA RICA
P 3271	B6 90-2	KB/COSTA RICA
P 3272	2135	KB/COSTA RICA
P 3273	TAICHUNG 195	KB/COSTA RICA
P 3274	3224	KB/COSTA RICA
P 3275	B6 374-1	KB/M.I.48
P 3276	IR 262	KB/M.I.48
P 3277	5854	KB/M.I.48
P 3278	5209	COLOMBIA/COSTA RICA
P 3279	B6 374-1	COLOMBIA/COSTA RICA
P 3280	B6 90-2	COLOMBIA/COSTA RICA
P 3281	2476	COLOMBIA/COSTA RICA
P 3282	CICA 7	IR 262/COSTA RICA
P 3283	2476	IR 262/COSTA RICA
P 3284	5738	IR 262/COSTA RICA
P 3285	5209	IR 262/COSTA RICA
P 3286	5062	IR 262/COSTA RICA
P 3287	CICA B	IR 262/COSTA RICA
P 3288	5854	IR 262/COSTA RICA
P 3289	B6 90-2	IR 262/COSTA RICA
P 3290	6839	IR 262/COSTA RICA
P 3291	IR 262	3224/ COSTA RICA
P 3292	5209	3224/ COSTA RICA
P 3293	5738	3224/ COSTA RICA
P 3294	3250	3224/ COSTA RICA
P 3295	5854	3224/ COSTA RICA
P 3296	6843	3250 / IRAT B
P 3297	B6 374-1	3250 / IRAT B
P 3298	3224	3250 / IRAT B
P 3299	5885	3250 / IRAT B
P 3300	5209	3250 / IRAT B

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3301	5685	IR11-452/CAMPONI
P 3302	6843	IR11-452/CAMPONI
P 3303	B6374-1	IR11-452/CAMPONI
P 3304	5738	63-83/CAMPONI
P 3305	5854	63-83/CEYSVONI
P 3306	5685	63-83/CEYSVONI
P 3307	6843	63-83/CEYSVONI
P 3308	5209	63-83/CEYSVONI
P 3309	3224	63-83/CEYSVONI
P 3310	5062	63-83/CEYSVONI
P 3311	B6374-1	63-83/CEYSVONI
P 3312	TACHUNG 195	63-83/CEYSVONI
P 3313	CICA 4	ELONI
P 3314	B6 90-2	ELONI
P 3315	CICA 6	ELONI
P 3316	LINEA 13	ELONI
P 3317	CICA 8	ELONI
P 3318	LINEA 8	ELONI
P 3319	CICA 4	DIWANI
P 3320	B6 90-2	DIWANI
P 3321	CICA 6	DIWANI
P 3322	LINEA 8	DIWANI
P 3323	LINEA 13	DIWANI
P 3324	IR9575	CICA 8
P 3325	IR1529-430-3	CICA 8
P 3326	TACHUNG SEN YU 195	CICA 8
P 3327	5863	CICA 8
P 3328	IR1529-430-3	M. I. 48
P 3329	COSTA RICA	M. I. 48
P 3330	IRAT 8	M. I. 48
P 3331	IR 1529-430-3	MONDAYA
P 3332	IR9575	MONDAYA
P 3333	TACHUNG SEN YU 195	IRAT 8
P 3334	3210	IRAT 8
P 3335	IR9575	MIRAMOND
P 3336	IR1529-430-3	MIRAMOND
P 3337	B6 94-1	CAMPONI
P 3338	BLUEBONNET 50	IR 1529-430-3
P 3339	BLUEBONNET 50	IR 9575
P 3340	DAWN	IR1529-430-3
P 3341	DAWN	IR 9575
P 3342	IR1529-430-3	IR 9576
P 3343	5728	CAMPONI/BRASIL
P 3344	5738	CAMPONI/BRASIL
P 3345	IR 4422	CAMPONI/BRASIL
P 3346	5209	CAMPONI/BRASIL
P 3347	3224	CAMPONI/BRASIL
P 3348	3250	CAMPONI/BRASIL
P 3349	TACHUNG 195	CAMPONI/BRASIL
P 3350	5661	CAMPONI/BRASIL

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3351	B6 374-1	CAMPONI/BRASIL
P 3352	6843	CAMPONI/BRASIL
P 3353	1R262	IRAT B/BRASIL
P 3354	3224	IRAT B/BRASIL
P 3355	5861	IRAT B/BRASIL
P 3356	5209	IRAT B/BRASIL
P 3357	5728	IRAT B/BRASIL
P 3358	5854	IRAT B/BRASIL
P 3359	5738	IRAT B/BRASIL
P 3360	5002	IRAT B/BRASIL
P 3361	TAICHUNG 195	IRAT B/BRASIL
P 3362	1R4422	IRAT B/BRASIL
P 3363	1R4744	IRAT B/BRASIL
P 3364	2476	IRAT B/BRASIL
P 3365	2135	IRAT B/BRASIL
P 3366	B6374-1	IRAT B/BRASIL
P 3367	1R1820	IRAT B/BRASIL
P 3368	1R4422	IRAT B/M. I. 48
P 3369	1R4744	IRAT B/M. I. 48
P 3370	5861	IRAT B/M. I. 48
P 3371	5209	IRAT B/M. I. 48
P 3372	6839	IRAT B/M. I. 48
P 3373	1R1820	IRAT B/ M. I. 48
P 3374	TAICHUNG 195	IRAT B/ M. I. 48
P 3375	5002	IRAT B/ M. I. 48
P 3376	5738	IRAT B/ M. I. 48
P 3377	6843	IRAT B/ M. I. 48
P 3378	5685	IRAT B/ M. I. 48
P 3379	3224	IRAT B/ M. I. 48
P 3380	5854	IRAT B/ M. I. 48
P 3381	5854	IRAT B/ AZUCENA
P 3382	5738	IRAT B/ AZUCENA
P 3383	6843	IRAT B/ AZUCENA
P 3384	5002	IRAT B/ AZUCENA
P 3385	5861	IRAT B/ AZUCENA
P 3386	1R1820	IRAT B/ AZUCENA
P 3387	5002	3224/ AZUCENA
P 3388	5738	3224/ AZUCENA
P 3389	5728	3224/ AZUCENA
P 3390	6843	3224/ AZUCENA
P 3391	5728	3224 / M. I. 48
P 3392	5209	3224 / M. I. 48
P 3393	5738	3224 / M. I. 48
P 3394	5685	3224 / M. I. 48
P 3395	6843	3224 / M. I. 48
P 3396	5861	3224 / M. I. 48
P 3397	1R 1820	3224 / M. I. 48
P 3398	6843	CEYSVONI/BRASIL
P 3399	6839	CEYSVONI/BRASIL
P 3400	5738	CEYSVONI/BRASIL

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3401	5854	CEYSVONI/BRASIL
P 3402	B6 374-1	CEYSVONI/BRASIL
P 3403	5728	CEYSVONI/BRASIL
P 3404	IR 4422	CEYSVONI/BRASIL
P 3405	IR4744	CEYSVONI/BRASIL
P 3406	3224	CEYSVONI/BRASIL
P 3407	3250	CEYSVONI/BRASIL
P 3408	TAICHUNG 195	CEYSVONI/BRASIL
P 3409	5209	CEYSVONI/BRASIL
P 3410	2476	CEYSVONI/BRASIL
P 3411	IR262	CEYSVONI/BRASIL
P 3412	B6 94-1	CEYSVONI/BRASIL
P 3413	IR 262	CAMPONI/AZUCENA
P 3414	5002	CAMPONI/AZUCENA
P 3415	5728	CAMPONI/AZUCENA
P 3416	5738	CAMPONI/AZUCENA
P 3417	3224	CAMPONI/AZUCENA
P 3418	3250	CAMPONI/AZUCENA
P 3419	2476	CAMPONI/AZUCENA
P 3420	5209	CAMPONI/AZUCENA
P 3421	TAICHUNG 195	CAMPONI/AZUCENA
P 3422	5861	CAMPONI/AZUCENA
P 3423	IR1820	CAMPONI/AZUCENA
P 3424	IR 262	CEYSVONI/M. I. 48
P 3425	2135	CEYSVONI/M. I. 48
P 3426	2476	CEYSVONI/M. I. 48
P 3427	6843	CEYSVONI/M. I. 48
P 3428	5861	CEYSVONI/M. I. 48
P 3429	3224	CEYSVONI/M. I. 48
P 3430	5738	CEYSVONI/M. I. 48
P 3431	5002	CEYSVONI /M. I. 48
P 3432	3250	CEYSVONI /M. I. 48
P 3433	TAICHUNG 195	CEYSVONI /M. I. 48
P 3434	IR 4422	CEYSVONI /M. I. 48
P 3435	B6 374-1	CEYSVONI /M. I. 48
P 3436	IR25744	5863
P 3437	IR25744	CICA 4
P 3438	IR25744	B6 90-2
P 3439	IR25746	CICA 4
P 3440	IR25746	B6 90-2
P 3441	IR25746	5863
P 3442	IR25758	CICA 4
P 3443	IR25758	5863
P 3444	IR25758	B6 90-2
P 3445	COLOMBIA 1	KB
P 3446	COLOMBIA 1	CAMPONI
P 3447	COLOMBIA 1	IRAT 8
P 3448	TAPURIPA	IRAT 8
P 3449	TAPURIPA	LAC-23
P 3450	TAPURIPA	SUKO KO

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3451	SENCHO	TAPURIPA
P 3452	SENCHO	LAC-23
P 3453	SENCHO	CEYSVONI
P 3454	CEYSVONI	M. I. 48
P 3455	CEYSVONI	LAC-23
P 3456	CEYSVONI	AZUCENA
P 3457	63-83	SENCHO
P 3458	63-83	AIWINI
P 3459	AIWINI	MORBEREKAN
P 3460	AIWINI	LAC-23
P 3461	CAMPONI	SENCHO
P 3462	O.S.6	SENCHO
P 3463	IRAT 8	AZUCENA
P 3464	IR 11-452	AIWINI
P 3465	IRAT 8	AIWINI
P 3466	3250	COLOMBIA 1
P 3467	IRAT 13	SENCHO
P 3468	MORBEREKAN	CEYSVONI
P 3469	SUKO KO	AIWINI
P 3470	O.S.6	AIWINI
P 3471	CAMPONI	LAC-23
P 3472	SUKOKO	CAMPONI
P 3473	TAPURIPA	63-83
P 3474	LINEA 8	B690-2/TETEP
P 3475	B6 375-1	B690-2/TETEP
P 3476	5861	B690-2/TETEP
P 3477	5863	B690-2/TETEP
P 3478	5738	B690-2/TETEP
P 3479	CICA 7	B690-2/TETEP
P 3480	5209	B690-2/TETEP
P 3481	LINEA 8	5461/CICA 8
P 3482	B6 375-1	5461/CICA 8
P 3483	5861	5461/CICA 8
P 3484	5854	5461/CICA 8
P 3485	5863	5461/CICA 8
P 3486	7399	5461/CICA 8
P 3487	TAICHUNG SEN YU 195	5461/CICA 8
P 3488	5209	5461/ CICA 8
P 3489	7152	5461/ CICA 8
P 3490	IR29-430-3	5461/ CICA 8
P 3491	5738	5461/ CICA 8
P 3492	B690-2	5461/ CICA 8
P 3493	5863*2	IR 25744
P 3494	CICA 4*2	IR 25744
P 3495	B6 90-2*2	IR 25744
P 3496	CICA 4*2	IR 25746
P 3497	B6 90-2*2	IR 25746
P 3498	5863*2	IR 25746
P 3499	CICA 4*2	IR 25758
P 3500	5863*2	IR 25758

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3501	B6 90-2*2	IR 25758
P 3502	ELONI	B6 90-2 / COSTA RICA
P 3503	CICA 8	COSTA RICA/ M.I.48
P 3504	MONOLAYA	DAMU/IR9575
P 3505	B690-2	DAMU/IR1529-430-3
P 3506	ELONI	BLUEBONNET 50/ IR9575
P 3507	ELONI	BLUEBONNET 50/ IR1529-430-3
P 3508	COSTA RICA	IR9575/IR1529-430-3
P 3509	ELONI	IR9575/IR1529-430-3
P 3510	ELONI	IR9575/MIRAMON
P 3511	COSTA RICA	IR1529-430-3/MIRAMON
P 3512	ELONI	IR9575/CICA 8
P 3513	COSTA RICA	IR1529-430-3/CICA 8
P 3514	IR9575/MONOLAYA	P3035
P 3515	ELONI	IR1529-430-3/MONOLAYA
P 3516	IR1529-430-3/M.I.48	P3033
P 3517	COSTA RICA/B690-2	B694-1/CAMPONI
P 3518	IR262/COSTA RICA	IR1529-430-3/M.I.48
P 3519	LINEA 8/ELONI	IR262/COSTA RICA
P 3520	ELONI	B6 90-2/ CICA 7
P 3521	CICA 7/B690-2	CAMPONI/BRASIL
P 3522	ELONI	3210 / IRAT 8
P 3523	CICA 8	IRAT 8/ COSTA RICA
P 3524	ELONI	IRAT 8/M.I.48
P 3525	ELONI	TAICHUNG SEN YU 195// CICA 8
P 3526	ELONI	TAICHUNG SEN YU 195// IRAT 8
P 3527	ELONI	CICA 4/ DIWANI
P 3528	ELONI	B6 90-2 /DIWANI
P 3529	3535	CICA 6/ DIWANI
P 3530	3535	LINEA 8/ DIWANI
P 3531	ELONI	LINEA 13/ DIWANI
P 3532	ELONI*2	CICA 4
P 3533	ELONI*2	B6 90-2
P 3534	ELONI*2	CICA 6
P 3535	ELONI*2	LINEA 8
P 3536	ELONI*2	LINEA 13
P 3537	ELONI*2	CICA 8
P 3538	CICA B*2	ELONI
P 3539	ELONI	5863/CICA 8
P 3540	CICA 8	ELONI/CICA 4
P 3541	IR11-452	ELONI/CICA 4
P 3542	IR11-452	ELONI/B6 90-2
P 3543	CICA 8	ELONI/ B6 90-2
P 3544	IR 24	ELONI/CICA 4
P 3545	IR8	ELONI/CICA 4
P 3546	CICA 4*3	CIMINI
P 3547	CICA 8	CIMINI*2 CICA 4
P 3548	B690-2	IAC 25
P 3549	2940	IAC 25
P 3550	3250	IAC 25

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3551	5461	IAC 25
P 3552	5863	IAC 25
P 3553	5863	CAMPONI
P 3554	BG 90-2	TADUKAN
F 3555	CICA 8	BG 90-2
P 3556	CICA 8	IAC 25
P 3557	CICA 8	COSTA RICA
P 3558	CICA 8	TADUKAN
P 3559	CICA 8	IRAT 13
P 3560	CICA 8	M.I.48
P 3561	CAMPONI	CICA 8
P 3562	CAMPONI	5461
P 3563	CAMPONI	IR 820
P 3564	2940	COSTA RICA
P 3565	IR1416	COSTA RICA
P 3566	3250	COSTA RICA
P 3567	7152	COSTA RICA
P 3568	CAMPONI	KB
P 3569	IR 1820	IAC 25
P 3570	7152	IAC 25
P 3571	5863	TADUKAN
P 3572	IR1820	TADUKAN
P 3573	CICA 4	TADUKAN
P 3574	7152	TADUKAN
P 3575	3250	TETEP
P 3576	5863	TETEP
P 3577	TAICHUNG SEN YU 195	TETEP
F 3578	BG 375-1	TETEP
P 3579	IRAT 13	IAC 25
P 3580	LINEA 8	63-83
P 3581	7152	IRAT 13
P 3582	7399	IRAT 13
P 3583	IR 262	COLOMBIA 1
P 3584	2940	BAHAGIA
P 3585	2940	AZUCENA
P 3586	3555	CAMPONI
P 3587	5461	COSTA RICA
P 3588	5461	M.I.48
P 3589	LINEA 8	COSTA RICA
P 3590	BG 375-1	COSTA RICA
P 3591	IR 262	IAC 25
P 3592	TAICHUNG SEN YU 195	IAC 25
P 3593	CICA 4	IAC 25
P 3594	LINEA 8	IAC 25
P 3595	BG 375-1	IAC 25
P 3596	IR 1529-430-3	IAC 25
P 3597	IR 1529-430-3	COSTA RICA
P 3598	IR 24	IR 8
P 3599	ELONI	CICA 7
P 3600	ELONI	5854

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3601	ELONI	IR 42
P 3602	ELONI	IR 22
P 3603	IR 22	IR 11-452
P 3604	CAMPONI	IR 22
P 3605	CICA 8	IR 22
P 3606	CICA 8	IR 2058
P 3607	CICA 8	IR 3262
P 3608	ELONI	IR 1820
P 3609	CICA 8	63 - 83/TAPURIPA
P 3610	7153	63 - 83 / TAPURIPA
P 3611	5854	63 - 83/ CAMPONI
P 3612	5738	63 - 83/ CEYSVONI
P 3613	5681	63 - 83/ AIWINI
P 3614	CICA 8	MORBEREKAN/ CAMPONI
P 3615	5006	MORBEREKAN/AIWINI
P 3616	7181	MORBEREKAN/ TAPURIPA
P 3617	5861	MORBEREKAN/ CEYSVONI
P 3618	5738	SUAKOKO/TAPURIPA
P 3619	CICA 8	SUAKOKO/AIWINI
P 3620	7153	SUAKOKO/ CAMPONI
P 3621	5006	SUAKOKO/ CEYSVONI
P 3622	CICA 8	IR11-452/ TAPURIPA
P 3623	7153	IR 11-452/ TAPURIPA
P 3624	5738	IR11-452 / CAMPONI
P 3625	5006	IR11-452/CEYSVONI
P 3626	5738	IR11-452/AIWINI
P 3627	CICA 8	O.S.6/ AIWINI
P 3628	5006	O.S.6/ CEYSVONI
P 3629	5854	O.S.6/ CAMPONI
P 3630	CICA 8	IRAT8/ TAPURIPA
P 3631	CICA 8	MORBEREKAN / AIWINI
P 3632	5738	IRAT8/ TAPURIPA
P 3633	7153	IRAT8/ TAPURIPA
P 3634	5006	IRAT8 / CAMPONI
P 3635	5854	IRAT8/ CEYSVONI
P 3636	7181	IRAT8/AIWINI
P 3637	5006	IRAT13/ TAPURIPA
P 3638	7153	IRAT13/ TAPURIPA
P 3639	5738	IRAT13/ TAPURIPA
P 3640	7181	IRAT 13/ CAMPONI
P 3641	5010	IRAT 13 / CEYSVONI
P 3642	5738	LAC 23 / TAPURIPA
P 3643	CICA 8	LAC 23 / AIWINI
P 3644	7181	LAC 23/CAMPONI
P 3645	5006	LAC 23 / CEYSVONI
P 3646	5010	63 - 83 /SENCHO
P 3647	7153	IR 11-452/ SENCHO
P 3648	CICA 8	IR 11-452/ SENCHO
P 3649	5861	O.S.6/ SENCHO
P 3650	5006	IRAT 8/ SENCHO

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3651	5738	IRAT 13 / SENCHO
P 3652	5854	LAC 23 / SENCHO
P 3653	7153	TAPURIPA/ SENCHO
P 3654	7181	CAMPONI / SENCHO
P 3655	CICA 8	CEYSVONI /SENCHO
P 3656	7153	K 8 / IAC 25
P 3657	7181	K 8 / IAC 25
P 3658	5006	K 8 / IAC 25
P 3659	5738	K 8 / IAC 25
P 3660	5861	K 8 / IAC 25
P 3661	7153	CAMPONI //IAC25
P 3662	7181	CAMPONI //IAC25
P 3663	5738	CAMPONI / IAC25
P 3664	5861	CEYSVONI / IAC 25
P 3665	5854	CEYSVONI / IAC 25
P 3666	5006	IRAT 8 / IAC 25
P 3667	5861	K 8/ AZUCENA
P 3668	7181	CAMPONI / AZUCENA
P 3669	7152	CEYSVONI / AZUCENA
P 3670	5006	IRAT 8 / AZUCENA
P 3671	7181	COLOMBIA1/ COSTA RICA
P 3672	5738	COLOMBIA1/ KB
P 3673	5854	COLOMBIA1/ IRAT 8
P 3674	7153	COLOMBIA1/ CAMPONI
P 3675	5861	S250 / COLOMBIA 1
P 3676	CICA 8	K 8 / TAPURIPA
P 3677	5738	K 8 / TAPURIPA
P 3678	7153	K 8 / TAPURIPA
P 3679	5006	K 8 / TAPURIPA
P 3680	5006	KB / M.I. 48
P 3681	5854	CAMPONI / M.I.48
P 3682	7153	CEYSVONI / M.I. 48
P 3683	5738	IRAT 8/ M.I. 48
P 3684	CICA 8	IRAT 13/ CAMPONI
P 3685	CICA 4	IRAT 13/ CAMPONI
P 3686	RG 375-1	IRAT 13/ CAMPONI
P 3687	IR 1529 - 430	IRAT 13/ CAMPONI
P 3688	7399	IRAT 13/ CAMPONI
P 3689	7152	IRAT 13/ CAMPONI
P 3690	LINEA 8	IRAT 13/ CAMPONI
P 3691	8440	IRAT 13/ CAMPONI
P 3692	8663	IRAT 13/ CAMPONI
P 3693	5738	IRAT 13/ CAMPONI
P 3694	5010	IRAT 13 / TAPURIPA
P 3695	CICA 4	IRAT 13 / TAPURIPA
P 3696	CICA 8	IRAT 13 / TAPURIPA
P 3697	TAICHANG SEN YU 195	IRAT 13 / TAPURIPA
P 3698	IR 1820	IRAT 13 / TAPURIPA
P 3699	8663	IRAT 13 / TAPURIPA
P 3700	5685	IRAT 13 / TAPURIPA

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3701	5738	IRAT 13 / TAPURIPA
P 3702	LINEA B	IRAT 13 / TAPURIPA
P 3703	CICA B	CAMPONI / AZUCENA
P 3704	5209	CAMPONI / AZUCENA
P 3705	LINEA B	CAMPONI / AZUCENA
P 3706	7399	CAMPONI / AZUCENA
P 3707	7152	CAMPONI / AZUCENA
P 3708	IR 1820	CAMPONI / AZUCENA
P 3709	BB 375-1	CAMPONI / AZUCENA
P 3710	8663	CAMPONI / AZUCENA
P 3711	CICA B	CAMPONI / I.A.C. 25
P 3712	CICA 4	CAMPONI / I.A.C. 25
P 3713	BB375-1	CAMPONI / I.A.C. 25
P 3714	IR 1529-430-3	CAMPONI/TAC25
P 3715	IR 262	CAMPONI / IAC 25
P 3716	7399	CAMPONI / IAC 25
P 3717	5738	CAMPONI / IAC 25
P 3718	LINEA B	CAMPONI / IAC 25
P 3719	5010	CAMPONI / IAC 25
P 3720	IR 1416	CAMPONI / IAC 25
P 3721	5683	CAMPONI / IAC 25
P 3722	CICA B	K B / IAC 25
P 3723	5738	K B / IAC 25
P 3724	IR 262	K B / IAC 25
P 3725	7152	K B / IAC 25
P 3726	8663	K B / IAC 25
P 3727	LINEA B	K B / IAC 25
P 3728	IR 1416	K B / IAC 25
P 3729	5863	K B / IAC 25
P 3730	7152	K B / AZUCENA
P 3731	8663	K B / AZUCENA
P 3732	5861	K B / AZUCENA
P 3733	5738	K B / AZUCENA
P 3734	CICA B	IRATB/ IAC 25
P 3735	7399	IRATB/ IAC 25
P 3736	8663	IRATB/ IAC 25
P 3737	7152	IRATB/ IAC 25
P 3738	LINEA B	IRATB/ IAC 25
P 3739	5738	IRATB/ IAC 25
P 3740	CICA B	DEYSVONI/IRAT B
P 3741	5010	DEYSVONI/IRAT B
P 3742	7399	DEYSVONI/IRAT B
P 3743	7152	DEYSVONI/IRAT B
P 3744	LINEA B	DEYSVONI / IRAT B
P 3745	8663	DEYSVONI / IRAT B
P 3746	5863	DEYSVONI / IRAT B
P 3747	5861	63-83 / CAMPONI
P 3748	7399	63-83 / CAMPONI
P 3749	7152	63-83 / CAMPONI
P 3750	CICA B	63-83 / CAMPONI

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3751	BG 375-1	63-83 / CAMPONI
P 3752	TAICHUNG SEN YU 195	63-83/CAMPONI
P 3753	LINEA 8	63-83/CAMPONI
P 3754	7140	COLOMBIA 1 / KB
P 3755	7152	COLOMBIA 1 / KB
P 3756	7153	COLOMBIA 1 / KB
P 3757	7181	COLOMBIA 1 / KB
P 3758	7222	COLOMBIA 1 / KB
P 3759	5006	BG 90-2/ TETEP
P 3760	B663	BG 90-2/ TETEP
P 3761	IR 262	TETEP
P 3762	IR 262	TADUKAN
P 3763	ELONI	5461
P 3764	ELONI /IR B	IR 5333-13-1-1
P 3765	H5	DEYSVONI
P 3766	H5	CAMPONI
P 3767	CAMPONI	TAPURIPA
P 3768	BG 90-2	TAPURIPA
P 3769	IR 1416	63-83
P 3770	FLOTANTE NO.36 / IR B	IR 5333-PP-650-1
P 3771	M-1082	BG 90-2/TETEP
P 3772	5006	BG 90-2 /IAC 25
P 3773	5738	BG 90-2 /IAC 25
P 3774	M-1065	BG 90-2 /IAC 25
P 3775	CICA B	BG 90-2 /IAC 25
P 3776	M-1082	BG 90-2 /IAC 25
P 3777	CICA 7	BG 90-2 / TADUKAN
P 3778	5738	BG 90-2 / TADUKAN
P 3779	5006	BG 90-2 / COSTA RICA
P 3780	5738	BG 90-2 / COSTA RICA
P 3781	IR1416	BG 90-2 / COSTA RICA
P 3782	5738	CICA 8/ BG 90-2
P 3783	5006	CICA 8/ BG 90-2
P 3784	7153	CICA 8/ IAC 25
P 3785	5685	CICA 8/ IAC 25
P 3786	RUSTIC	CICA 8/ IAC 25
P 3787	5006	CICA 8/ IAC 25
P 3788	7153	CICA 8/ COSTA RICA
P 3789	B6375-1	CICA 8/ COSTA RICA
P 3790	5006	CICA 8/ COSTA RICA
P 3791	5685	CICA 8/ COSTA RICA
P 3792	RUSTIC	CICA 8/ COSTA RICA
P 3793	BG 375-1	CICA 8/TADUKAN
P 3794	7153	CICA 8/TADUKAN
P 3795	RUSTIC	CICA 8/TADUKAN
P 3796	5006	CICA 8/TADUKAN
P 3797	LINEA 8	CICA 8/ IRAT 13
P 3798	CAMPONI	CICA 8/ M.I. 48
P 3799	BG 375-1	CICA 8/ M.I. 48
P 3800	IR 1416	CAMPONI / CICA 8

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3801	5738	CAMPONI / CICA 8
P 3802	5685	CAMPONI / CICA 8
P 3803	RUSTIC	CAMPONI / CICA 8
P 3804	5006	CAMPONI / CICA 8
P 3805	TAICHUNG SEN YU 195	CAMPONI / CICA 8
P 3806	5709	CAMPONI / 5461
P 3807	CICA 7	CAMPONI / 5461
P 3808	5685	CAMPONI / 5461
P 3809	5868	CAMPONI / 5461
P 3810	5869	CAMPONI / 5461
P 3811	5006	CAMPONI / 5461
P 3812	RUSTIC	CAMPONI / 5461
P 3813	CICA 7	CAMPONI / IR 1820
P 3814	RUSTIC	CAMPONI / IR 1820
P 3815	LINEA 8	CAMPONI / IR 1820
P 3816	5006	5863 / COSTA RICA
P 3817	5738	5863 / COSTA RICA
P 3818	5738	2940 / COSTA RICA
P 3819	5006	2940 / COSTA RICA
P 3820	CICA 7	2940 / COSTA RICA
P 3821	RUSTIC	2940 / COSTA RICA
P 3822	5006	IR 262 / COSTA RICA
P 3823	5869	IR 262 / COSTA RICA
P 3824	7152	IR 262 / COSTA RICA
P 3825	RUSTIC	IR 262 / COSTA RICA
P 3826	5685	IR 1416 / COSTA RICA
P 3827	B6 375-1	3250 / COSTA RICA
P 3828	TAICHUNG SEN YU 195	3250 / COSTA RICA
P 3829	RUSTIC	7152 / COSTA RICA
P 3830	5006	7152 / COSTA RICA
P 3831	5738	7152 / COSTA RICA
P 3832	5006	CICA 4/TAPURIPA
P 3833	5685	CICA 4/TAPURIPA
P 3834	5738	CICA 4/TAPURIPA
P 3835	7152	CICA 4/TAPURIPA
P 3836	5709	IR 262 / TAPURIPA
P 3837	5738	IR 262 / TAPURIPA
P 3838	5868	IR 262 / TAPURIPA
P 3839	5685	KB / IAC 25
P 3840	7153	KB / IAC 25
P 3841	B6 375-1	KB / IAC 25
P 3842	TAICHUNG SEN YU 195	KB / IAC 25
P 3843	7152	CAMPONI / KB
P 3844	5738	CAMPONI / KB
P 3845	5685	CAMPONI / KB
P 3846	5006	CAMPONI / KB
P 3847	RUSTIC	CAMPONI / KB
P 3848	7153	CAMPONI / IAC 25
P 3849	5006	IR 1820 / IAC 25
P 3850	RUSTIC	IR1820 / IAC 25

NO. CRUCE	PROGENITOR FEMERINO	PROGENITOR MASCULINO
P 3851	M-1065	7152 / IAC 25
P 3852	5738	7152 / IAC 25
P 3853	5685	7152 / IAC 25
P 3854	5006	7152 / IAC 25
P 3855	RUSTIC	2940 / IAC 25
P 3856	5738	2940 / IAC 25
P 3857	5006	2940 / IAC 25
P 3858	IR 1416	2940 / IAC 25
P 3859	5738	5863 / TADUKAN
P 3860	5685	5863 / TADUKAN
P 3861	B6 375-1	IR 1820 / TADUKAN
P 3862	5709	CICA 4 / TADUKAN
P 3863	RUSTIC	7152 / TADUKAN
P 3864	RUSTIC	3250 / TETEP
P 3865	5006	3250 / TETEP
P 3866	CICA 7	5863 / TETEP
P 3867	5738	5863 / TETEP
P 3868	M-1062	5863 / TETEP
P 3869	5006	TAICHUNG SEN YU 195/ TETEP
P 3870	5738	TAICHUNG SEN YU 195/ TETEP
P 3871	5865	LINEA 8 / TETEP
P 3872	5006	LINEA 8 / TETEP
P 3873	5738	B6 375-1 / TETEP
P 3874	RUSTIC	IRAT 13 / IAC 25
P 3875	7153	IRAT 13 / IAC 25
P 3876	5709	LINEA 8 / 63-83
P 3877	5006	LINEA 8 / 63-83
P 3878	RUSTIC	7152 / IRAT 13
P 3879	5006	7152 / IRAT 13
P 3880	5738	7152 / IRAT 13
P 3881	RUSTIC	7399 / IRAT 13
P 3882	5006	CICA 4 / CAMPONI
P 3883	5738	CICA 4 / CAMPONI
P 3884	7153	CICA 4 / CAMPONI
P 3885	CICA 8	COLOMBIA 1 / KB
P 3886	7153	COLOMBIA 1 / KB
P 3887	5709	IR 262 / COLOMBIA 1
P 3888	RUSTIC	LAC 23 / CAMPONI
P 3889	IR 1416	LAC 23 / CAMPONI
P 3890	5006	CICA 4 / COSTA RICA
P 3891	7153	CICA 4 / COSTA RICA
P 3892	5738	IRAT 8 / IAC 25
P 3893	IR1416	IRAT 8 / IAC 25
P 3894	5738	2940/ BANABELA
P 3895	6006	2940/ BANABELA
P 3896	CICA 8	2940 / AZUCENA
P 3897	7153	3250 / IAC 25
P 3898	CICA 7	3555 / CAMPONI
P 3899	5738	3555 / CAMPONI
P 3900	5006	3555 / CAMPONI

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3901	M-1065	3555 / CAMPONI
P 3902	7152	3555 / CAMPONI
P 3903	5868	5461 / IAC 25
P 3904	5869	5461 / IAC 25
P 3905	5006	5461 / IAC 25
P 3906	5868	5461 / COSTA RICA
P 3907	5869	5461 / COSTA RICA
P 3908	5869	5461 / M.I. 48
P 3909	5868	5461 / M.I. 48
P 3910	TAPURIPA#2	5863
P 3911	COSTA RICA#2	IR 262
P 3912	COSTA RICA#2	3250
P 3913	COSTA RICA#2	B6 90-2
P 3914	COSTA RICA#2	LINEA 8
P 3915	COSTA RICA#2	B6 375-1
P 3916	COSTA RICA#2	CICA 8
P 3917	COSTA RICA#2	2940
P 3918	COSTA RICA#2	5461
P 3919	CAMPONI#2	CICA 4
P 3920	CAMPONI#2	5863
P 3921	CAMPONI#2	IR 262
P 3922	IAC 25 # 2	IR 262
P 3923	IAC 25 # 2	TACHUNG SEN YU
P 3924	IAC 25 # 2	3250
P 3925	IAC 25 # 2	5863
P 3926	IAC 25 # 2	CICA 4
P 3927	IAC 25 # 2	B6 90-2
P 3928	IAC 25 # 2	LINEA 8
P 3929	IAC 25 # 2	B6 375 - 1
P 3930	IAC 25 # 2	CICA 8
P 3931	IAC 25 # 2	2940
P 3932	IAC 25 # 2	IR 1529-430-3
P 3933	IAC 25 # 2	5461
P 3934	IAC 25	5863 / TAPURIPA
P 3935	IAC 25	IR 262 / COSTA RICA
P 3936	CAMPONI	IR 262 / COSTA RICA
P 3937	CAMPONI	TACHUNG SEN YU 195/ IAC 25
P 3938	IAC 25	3250 / COSTA RICA
P 3939	CAMPONI	CICA 4 / IAC 25
P 3940	CAMPONI	CICA 4 / COSTA RICA
P 3941	ELDWI	CICA 4 / COSTA RICA
P 3942	CAMPONI	B6 90-2 / IAC 25
P 3943	IAC 25	B6 90-2 / COSTA RICA
P 3944	CAMPONI	LINEA 8 / IAC 25
P 3945	IAC 25	LINEA 8 / COSTA RICA
P 3946	CAMPONI	B6 375-1 / IAC 25
P 3947	CAMPONI	CICA 8 / IAC 25
P 3948	IAC 25	CICA 8 / COSTA RICA
P 3949	CAMPONI	2940 / IAC 25
P 3950	IAC 25	2940 / COSTA RICA

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 3951	CAMPONI	IR 1529-430-3 / IAC 25
P 3952	IAC 25	IR 1529-430-3/ COSTA RICA
P 3953	CAMPONI	5461 / IAC-25
P 3954	IAC 25	5461 / COSTA RICA
P 3955	RUSTIC	IR 1820
P 3956	RUSTIC	IAC 25
P 3957	RUSTIC	5685
P 3958	RUSTIC	5006
P 3959	RUSTIC	5738
P 3960	RUSTIC	86 90-2
P 3961	RUSTIC	2940
P 3962	RUSTIC	CAMPONI
P 3963	RUSTIC	CICA 8
P 3964	RUSTIC	5461
P 3965	RUSTIC	5869
P 3966	RUSTIC	5868
P 3967	RUSTIC	7153
P 3968	RUSTIC	IR 11-452
P 3969	CAMPONI	5685
P 3970	CAMPONI	5738
P 3971	CAMPONI	5006
P 3972	CAMPONI	7153
P 3973	CAMPONI	IR 11-452
P 3974	86 90-2	5006
P 3975	86 90-2	CAMPONI
P 3976	INIAP 415	5006
P 3977	INIAP 415	CAMPONI
P 3978	INIAP 415	5738
P 3979	INIAP 415	IAC 25
P 3980	2940	5006
P 3981	IR 1820	5006
P 3982	3250	5006
P 3983	IR 1820	5738
P 3984	3250	5738
P 3985	2940	5738
P 3986	7153	5006
P 3987	5461	5738
P 3988	7152	5738
P 3989	7153	5738
P 3990	7152	5006
P 3991	5461	5006
P 3992	5006	BLUEBONNET 50 / CICA 8
P 3993	7153	BLUEBONNET 50 / CICA 8
P 3994	5006	BLUEBONNET 50 / 7399
P 3995	5738	BLUEBONNET 50 / 7399
P 3996	5738	BLUEBONNET 50 / IR 1820
P 3997	5006	BLUEBONNET 50 / IR 1820
P 3998	5006	BLUEBONNET 50 / 5854
P 3999	7153	BLUEBONNET 50 / 5854
P 4000	5738	BLUEBONNET 50 / 5861

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4001	7153	BLUEBONNET 50 / 5861
P 4002	5006	BLUEBONNET 50 / 5861
P 4003	5738	5863 / CAMPONI
P 4004	5006	IR 262 / CAMPONI
P 4005	5738	IR 262 / CAMPONI
P 4006	5709	IR 262 / CAMPONI
P 4007	5868	IR 262 / CAMPONI
P 4008	CICA 8	IR 262 / CAMPONI
P 4009	5685	IR 262 / CAMPONI
P 4010	RUSTIC	3250 / IAC 25
P 4011	5006	3250 / IAC 25
P 4012	7153	2940 / IAC 25
P 4013	5006	2940 / IAC 25
P 4014	RUSTIC	5461 / IAC 25
P 4015	5006	5461 / IAC 25
P 4016	5869	5461 / IAC 25
P 4017	RUSTIC	5461 / IAC 25
P 4018	5738	5863 / IAC 25
P 4019	5709	5863 / IAC 25
P 4020	5006	CAMPONI / IR 11-452
P 4021	RUSTIC	CAMPONI / IR 11-452
P 4022	5738	CAMPONI / IR 11-452
P 4023	7153	CAMPONI / IAC 25
P 4024	5685	B6 90-2 / IAC 25
P 4025	IR 1416	TADUKAN
P 4026	ELONI	TADUKAN
P 4027	5461	TADUKAN
P 4028	IR 1529-430-3	TADUKAN
P 4029	FLOTANTE NO.36	5461
P 4030	ELONI	IR 262
P 4031	FLOTANTE NO.36	CICA 8
P 4032	B6 94-1	COSTA RICA
P 4033	IR11-452	IR42
P 4034	CICA 8	CICA 4 / CAMPONI
P 4035	IR11-452	CICA 4 / CAMPONI
P 4036	CAMPONI	B6 90-2/ CICA 8
P 4037	IR11-452	ELONI / CICA 7
P 4038	CICA 8	ELONI / 5854
P 4039	CICA 7	ELONI / IR 42
P 4040	CICA 8	ELONI / IR 22
P 4041	IR11-452	ELONI / IR-22
P 4042	ELONI	IR22 / IR11-452
P 4043	CAMPONI / IR22	CICA 8 / IR22
P 4044	ELONI / IR22	CICA 8 / IR22
P 4045	ELONI	IR 24 / IR 8
P 4046	CAMPONI	IR 24 / IR 8
P 4047	IR 42	CAMPONI/CICA 4
P 4048	CAMPONI	CICA 8 / IR 2058
P 4049	CAMPONI	CICA 8 /IR3262
P 4050	ELONI / IR 1820	CICA 8/ IR 2058

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4051	ELONI / IR 1820	CICA 8 / IR 3262
P 4052	INTAP 415	CAMPONI / IAC 25
P 4053	INTAP 415	5006
P 4054	INTAP 415	5738
P 4055	INTAP 415	IAC 25
P 4056	INTAP 415	CAMPONI
P 4057	7153	IAC 25
P 4058	7140	IAC 25
P 4059	7399	IAC 25
P 4060	7222	IAC 25
P 4061	7181	IAC 25
P 4062	5006	CAMPONI / LAC 23
P 4063	8976	CAMPONI / KB
P 4064	5728	CAMPONI / KB
P 4065	RUSTIC	CAMPONI / 5461
P 4066	8976	TAPURIPA / CAMPONI
P 4067	RUSTIC	TAPURIPA / CAMPONI
P 4068	5685	TAPURIPA / CAMPONI
P 4069	IR 262	TAPURIPA / CAMPONI
P 4070	5728	TAPURIPA / CAMPONI
P 4071	5006	TAPURIPA / CAMPONI
P 4072	IR 262	IR 11-452/CAMPONI
P 4073	8976	IR 11-452 / CAMPONI
P 4074	5685	IR 11-452 / CAMPONI
P 4075	IR 1416	5863 / CAMPONI
P 4076	5728	5863 /CAMPONI
P 4077	RUSTIC	HS / CAMPONI
P 4078	5006	HS / CAMPONI
P 4079	5728	IR 262/CAMPONI
P 4080	IR 1416	IR 262 / CAMPONI
P 4081	7152	IR 262/ CAMPONI
P 4082	5869	IR 262/ CAMPONI
P 4083	5006	IR 262 / CAMPONI
P 4084	CEYSVONI	IR 262 / COSTA RICA
P 4085	IR 1416	IR 262 / COSTA RICA
P 4086	5006	IR 262 / IAC 25
P 4087	5685	IR 262 / IAC 25
P 4088	5709	IR 262 / IAC 25
P 4089	5728	IR 262 / IAC 25
P 4090	CEYSVONI	IR 262 / IAC 25
P 4091	RUSTIC	IR 1416 / COSTA RICA
P 4092	5006	IR 1416 / COSTA RICA
P 4093	IR 262	IR 1416 / COSTA RICA
P 4094	5685	IR 1416 / COSTA RICA
P 4095	5709	IR 1416 / COSTA RICA
P 4096	RUSTIC	IR 1416/63-83
P 4097	5728	BG 90-2 / IAC 25
P 4098	5685	BG 90-2 / IAC 25
P 4099	5006	BG 90-2/ TAPURIPA
P 4100	5728	BG 90-2/ TAPURIPA

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4101	CEYSVONI	B6 90-2/ KB
P 4102	5728	B6 90-2/ KB
P 4103	5006	B6 90-2/ KB
P 4104	5728	2940/IAC 25
P 4105	5006	COSTA RICA/ 4440
P 4106	RUSTIC	COSTA RICA/ 4440
P 4107	5006	COSTA RICA / IR 22
P 4108	5709	COSTA RICA / IR 22
P 4109	5685	COSTA RICA / IR 22
P 4110	8976	COSTA RICA / IR 22
P 4111	5728	5461 / COSTA RICA
P 4112	5869	5461 / COSTA RICA
P 4113	RUSTIC	5461 / COSTA RICA
P 4114	5006	7152/COSTA RICA
P 4115	RUSTIC	CEYSVONI / LAC 23
P 4116	IR 262	IR11-452/CEYSVONI
P 4117	5006	IR11-452/CEYSVONI
P 4118	5709	IR11-452/CEYSVONI
P 4119	RUSTIC	IR11-452/CEYSVONI
P 4120	7152	IR11-452/CEYSVONI
P 4121	8976	IR11-452/CEYSVONI
P 4122	5006	KB/CEYSVONI
P 4123	RUSTIC	KB/CEYSVONI
P 4124	8976	KB/CEYSVONI
P 4125	7152	KB/CEYSVONI
P 4126	5728	FLOTANTE NO. 36/2940
P 4127	5006	FLOTANTE NO. 36/2940
P 4128	7152	FLOTANTE NO. 36/2941
P 4129	5006	FLOTANTE NO. 36/2941
P 4130	RUSTIC	FLOTANTE NO. 36/2941
P 4131	RUSTIC	ELONI / 2940
P 4132	RUSTIC	ELONI / 5461
P 4133	5728	ELONI / 5461
P 4134	5006	ELONI / 5461
P 4135	RUSTIC	IR 1820 / IAC 25
P 4136	5006	IR 1820 / IAC 25
P 4137	5728	CICA 8/B6 90-2
P 4138	5728	IR 262 / TADUKAN
P 4139	5709	IR 262 / TADUKAN
P 4140	5685	IR 262 / TADUKAN
P 4141	5869	IR 262 / TADUKAN
P 4142	5006	IR 262/ TETEP
P 4143	CEYSVONI	IR 262 / TETEP
P 4144	5728	IR 262 / TETEP
P 4145	5006	H5 / CEYSVONI
P 4146	RUSTIC	H5 / CEYSVONI
P 4147	5006	CEYSVONI / O.S.6
P 4148	RUSTIC	CEYSVONI / O.S.6
P 4149	RUSTIC	CICA B / B6 90-2
P 4150	5006	B6 90-2/ DIWANI

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4151	5728	BG 90-2 / DIMANI
P 4152	BG 90-2	IRAT B
P 4153	IRAT 13	63-63
P 4154	CIWINI	IRAT 13
P 4155	ELONI	5863
P 4156	ELONI	BANAGIA
P 4157	2485	CIWINI
P 4158	CICA 4/ IR 11-452	CAMPONI/IR 22
P 4159	IR 22/IR11-452	ELONI/BG 90-2
P 4160	ELONI/CICA 8	IR 11-452/ IR 42
P 4161	IR 1820	CAMPONI/CICA 4
P 4162	IR 24	CAMPONI/CICA 4
P 4163	IR 36	TJELE
P 4164	IR 36	MELST
P 4165	IR 36	DHALA DEPA
P 4166	IR 36	MONAJA WONG
P 4167	IR 36	SUNDATAR
P 4168	IR 36	PANDUSEIN
P 4169	T. KLEMER	IR 9814-13-3
P 4170	KALAI	IR 9814-13-3
P 4171	7153	COLOMBIA 1
P 4172	IR 262	COLOMBIA 1
P 4173	IRAT 13	COSTA RICA
P 4174	IRAT 10	CEYSVONI
P 4175	CEYSVONI	TETEP
P 4176	CEYSVONI	TADUKAN
P 4177	CEYSVONI	RUSTIC
P 4178	CEYSVONI	BG 90-2
P 4179	CEYSVONI	7152
P 4180	CEYSVONI	CICA 7
P 4181	CEYSVONI	IR 22
P 4182	CEYSVONI	BG 94-1
P 4183	CEYSVONI	5863
P 4184	CEYSVONI	5006
P 4185	CEYSVONI	5728
P 4186	CEYSVONI	5685
P 4187	IR 22	TADUKAN
P 4188	IR 22	5728
P 4189	IR 22	5685
P 4190	IR 22	5006
P 4191	IR 22	H-5
P 4192	IR 22	3250
P 4193	CICA 7	IR 22
P 4194	CICA 7	TETEP
P 4195	CICA 7	TADUKAN
P 4196	CICA 7	3250
P 4197	CICA 7	5863
P 4198	RUSTIC	TETEP
P 4199	RUSTIC	TADUKAN
P 4200	RUSTIC	5728

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4201	RUSTIC	H-5
P 4202	RUSTIC	3250
P 4203	5728	5863
P 4204	5728	B6 94-1
P 4205	5728	5006
P 4206	5685	5863
P 4207	CICA 8	5006
P 4208	5728	5738
P 4209	5728	CICA 8
P 4210	CICA 8	B6 94-1
P 4211	CICA 8	CEYSVONI
P 4212	2476	CEYSVONI
P 4213	2476	5006
P 4214	2476	5728
P 4215	2476	5685
P 4216	2476	3250
P 4217	B6 402-4	COLUMBIA 1
P 4218	B6 402-4	5461
P 4219	B6 402-4	CAMPONI
P 4220	B6 402-4	5728
P 4221	B6 402-4	CICA 8
P 4222	IR 1820	B6 402-4
P 4223	IR 1820	COLUMBIA 1
P 4224	IR 1820	CICA 7
P 4225	IR 1820	CICA 4
P 4226	IR 1820	B6 402-4
P 4227	16863	RUSTIC
P 4228	16863	6850
P 4229	5006	6850
P 4230	5728	6850
P 4231	RUSTIC	6850
P 4232	CICA 7	6850
P 4233	CICA 7	B6 90-2
P 4234	6850	B6 402-4
P 4235	CEYSVONI	LINEA 8
P 4236	CIWINI/IRAT 13	IAC 164
P 4237	CIWINI/IRAT 13	IAC 165
P 4238	IAC 164	SENSHO/LAC 23
P 4239	IAC 165	SENSHO/LAC 23
P 4240	IAC 164	IRAT 13/ SENSHO
P 4241	IAC 165	IRAT 13/ SENSHO
P 4242	IRAT 8	GENCHO /IAC 164
P 4243	IAC 165	IRAT 8/SENSHO
P 4244	IRAT 10 / SENSHO	IAC 164
P 4245	IAC 165	IRAT 10/SENSHO
P 4246	IAC 164	IR11-452/ATWINI
P 4247	IAC 165	IR11-452/ATWINI
P 4248	IAC 165	IRAT 13/IAC 25
P 4249	IAC 165	PIROBEREKAN/CAMPONI
P 4250	IAC 165	IRAT 8/CAMPONI

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4251	IAC 164	CICA 8/IAC 25
P 4252	CICA 8/IAC 25	IAC 164
P 4253	IAC 165	CICA 8/IAC 25
P 4254	CICA 8/IAC 25	IAC 165
P 4255	CAMPONI/CICA-8	IAC 164
P 4256	CAMPONI/CICA-8	IAC 165
P 4257	B6 90-2/IRAT 8	IAC 164
P 4258	B6 90-2/IRAT 8	IAC 165
P 4259	IRAT 8/CAMPONI	IAC 164
P 4260	IRAT 13/IAC 25	IAC 164
P 4261	IAC 164	MORBEREKAN/CAMPONI
P 4262	CICA 7	COSTA RICA
P 4263	CININI	LAC 23
P 4264	TAICHUNG SUN YU 195	COSTA RICA
P 4265	2940	CICA 4
P 4266	7152/IRAT 13	CR 1113
P 4267	7152/IRAT 13	CR 201
P 4268	7152/IRAT 13	IR 11248-148-3-2-3-3
P 4269	7152/IRAT 13	IAC 164
P 4270	7152/IRAT 13	IAC 165
P 4271	IRAT 13/CICA-8	IAC 164
P 4272	IRAT 13/COSTA RICA	CR 1113
P 4273	IRAT 13/COSTA RICA	IR11248-148-3-2-3-3
P 4274	IRAT 13/COSTA RICA	IAC 164
P 4275	IRAT 13/COSTA RICA	IAC 165
P 4276	IRAT 13/CEYSVONI	CR1113
P 4277	IRAT 13/CEYSVONI	IR2153-276-1-10-PR509
P 4278	IRAT 13/CEYSVONI	IR 8073-65-6-1
P 4279	IRAT 13/CEYSVONI	CR 201
P 4280	IRAT 13/CEYSVONI	IAC 164
P 4281	IRAT 13/CEYSVONI	IAC 165
P 4282	CR 1113	MORBEREKAN/CEYSVONI
P 4283	CR 201	MORBEREKAN/CEYSVONI
P 4284	MORBEREKAN/CEYSVONI	IAC 164
P 4285	MORBEREKAN/CEYSVONI	IAC 165
P 4286	MORBEREKAN/CEYSVONI	TOX 728-2
P 4287	MORBEREKAN/CEYSVONI	IR2153-276-1-10-PR509
P 4288	7399/IRAT 13	CR 201
P 4289	7399/IRAT 13	DAMARIS
P 4290	7399/IRAT 13	CR 1113
P 4291	7399/IRAT 13	B6 402-4
P 4292	RUSTIC/IR 1820	IR11248-148-3-2-3-3
P 4293	RUSTIC/IR 1820	TOX 728-2
P 4294	RUSTIC/IR 1820	IR 2153-276-1-10-PR 509
P 4295	RUSTIC/5685	CR1113
P 4296	RUSTIC/5685	TOX 728-2
P 4297	RUSTIC/5685	IR2153-276-1-10-PR509
P 4298	RUSTIC/5685	IAC 164
P 4299	RUSTIC/5685	IAC 165
P 4300	RUSTIC/5685	IET 4110

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4301	RUSTIC/CAMPONI	CR1113
P 4302	RUSTIC/CAMPONI	IR2153-276-1-10-PR509
P 4303	CAMPONI/LAC 23	CR 1113
P 4304	CAMPONI/LAC 23	TAC 164
P 4305	CAMPONI/LAC 23	TAC 165
P 4306	CAMPONI/LAC 23	BE402-4
P 4307	RUSTIC/IR11-452	CR1113
P 4308	RUSTIC/IR11-452	BE 402-4
P 4309	RUSTIC/IR11-452	TOX 728-2
P 4310	RUSTIC/IR11-452	IR1529-430
P 4311	RUSTIC/IR11-452	IR2153-276-1-10-PR509
P 4312	IR 1529-430/MONOLAYA	CR 1113
P 4313	IR 1529-430/MONOLAYA	CR 201
P 4314	IR 1529-430/MONOLAYA	5398
P 4315	IR 1529-430/MONOLAYA	DAMARIS
P 4316	IR 1529-430/MONOLAYA	IET 4110
P 4317	IR 1529-430/MONOLAYA	CAMPONI
P 4318	IR 1529-430/MONOLAYA	CEYSVONI
P 4319	IR 1529-430/MONOLAYA	LAC 164
P 4320	IR 1529-430/MONOLAYA	TAC 165
P 4321	IR 1529-430/MONOLAYA	TOX 728-2
P 4322	IR 1529-430/MONOLAYA	IRB192-200-3-3-1-1
P 4323	IR 1529-430/MONOLAYA	IR2153-276-1-10-PR509
P 4324	IR 1529-430/MONOLAYA	IR 8073-65-6-1
P 4325	IR 1529-430-3-3-2/MONOLAYA	IR 11248-148-3-2-3-3
P 4326	7152/IRAT 13	16840
P 4327	7152/IRAT 13	BE 402-4
P 4328	7152/IRAT 13	P1381-1-8M-2-1B
P 4329	7152/IRAT 13	5173
P 4330	IRAT 13/CICA-B	DAMARIS
P 4331	IRAT 13/CICA-B	BE402-4
P 4332	IRAT 13/CICA-B	P1381-1-8M-2-1B
P 4333	IRAT 13/CICA-B	5173
P 4334	IRAT 13/CICA-B	CR1113
P 4335	IRAT 13/CICA-B	CR201
P 4336	IRAT 13/CEYSVONI	16832
P 4337	IRAT 13/CEYSVONI	16840
P 4338	IRAT 13/CEYSVONI	P1381-1-8M-2-1B
P 4339	IRAT 13/CEYSVONI	5173
P 4340	MORBEREKAN/CEYSVONI	16832
P 4341	MORBEREKAN/CEYSVONI	P1381-1-8M-2-1B
P 4342	7399/IRAT 13	IR2153-276-1-10-PR509
P 4343	7399/IRAT 13	P1381-1-8M-2-1B
P 4344	7399/IRAT 13	TAC 164
P 4345	7399/IRAT 13	IR8073-65-6-1
P 4346	RUSTIC/IR 1820	IET 4110
P 4347	RUSTIC/CAMPONI	TOX 728-2
P 4348	RUSTIC/CAMPONI	16840
P 4349	TOX 728-2	MORBEREKAN/CAMPONI
P 4350	MORBEREKAN/CAMPONI	5173

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4351	MOROBEREKAN/CAMPONI	IR11248-148-3-2-3-3
P 4352	RUSTIC/IR11-452	IR11248-148-3-2-3-3
P 4353	IR1529-430/MONDOLAYA	5173
P 4354	IR1529-430/MONDOLAYA	P1381-1-6M-2-18
P 4355	IR1529-430/MONDOLAYA	P1035-5-6-1-1-1M
P 4356	7152/IRAT 13	16832
P 4357	IRAT 13/CICA-8	IAC 165
P 4358	IRAT 13/DEYSVONI	P1035-5-6-1-1-1M
P 4359	MOROBEREKAN/DEYSVONI	BG 402-4
P 4360	MOROBEREKAN/DEYSVONI	5173
P 4361	7399/IRAT13	TET 4110
P 4362	7399/IRAT13	IAC 165
P 4363	7399/IRAT 13	TOX 728-2
P 4364	7399/IRAT 13	P1035-5-6-1-1-1M
P 4365	CR1113	MOROBEREKAN/CAMPONI
P 4366	MOROBEREKAN/CAMPONI	CR201
P 4367	BG 402-4	MOROBEREKAN/CAMPONI
P 4368	MOROBEREKAN/CAMPONI	IR2153-276-1-10-FR509
P 4369	IR6073-65-6-1	MOROBEREKAN/CAMPONI
P 4370	IRAT13/COSTA RICA	16840
P 4371	IR 1529-430/MONDOLAYA	BG 402-4
P 4372	15352	CAMPONI/KB
P 4373	10405	CAMPONI/KB
P 4374	17431	CAMPONI/CICA-8
P 4375	10750	CAMPONI/CICA-8
P 4376	11972	BG 90-2/CAMPONI
P 4377	15352	BG 90-2/CAMPONI
P 4378	10750	BG 90-2/CAMPONI
P 4379	15352	7152/5006
P 4380	IAC 165	7152/5006
P 4381	5869	7152/5006
P 4382	17330	7152/5006
P 4383	11972	7152/5006
P 4384	10405	4440/COLUMBIA-1
P 4385	5869	4440/COLUMBIA-1
P 4386	17631	4440/COLUMBIA-1
P 4387	17631	COLUMBIA-1/IRAT-8
P 4388	11292	COLUMBIA-1/IRAT-8
P 4389	17444	COLUMBIA-1/IRAT-8
P 4390	5869	CICA-4/COLUMBIA-1
P 4391	15373	CICA-4/COLUMBIA-1
P 4392	5685	CICA-4/COLUMBIA-1
P 4393	10750	CICA-4/COLUMBIA-1
P 4394	5715	CICA-4/COLUMBIA-1
P 4395	10750	IRAT-8/CAMPONI
P 4396	15352	IRAT-8/CAMPONI
P 4397	15352	7152/IRAT13
P 4398	11972	7152/IRAT 13
P 4399	17444	7152/IRAT 13
P 4400	5869	7152/IRAT 13

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4401	17631	7152/IRAT 13
P 4402	METICA-1	86 90-2/CICA-9
P 4403	IAC 164	86 90-2/CICA-9
P 4404	17354	86 90-2/CICA-9
P 4405	5869	86 90-2/CICA-9
P 4406	10405	CICA-9/CICA-7
P 4407	40665	CICA-9/CICA-7
P 4408	5869	CICA-9/CICA-7
P 4409	METICA-1	CICA-9/PELITA 1/1
P 4410	17354	CICA-9/PELITA 1/1
P 4411	METICA-1	4440/PELITA 1/1
P 4412	15352	4440/PELITA 1/1
P 4413	11972	4440/PELITA 1/1
P 4414	17444	4440/PELITA 1/1
P 4415	5869	IRAT 13/CICA-8
P 4416	17631	IRAT 13/CICA-8
P 4417	15373	IRAT 13/CICA-8
P 4418	5715	IRAT 13/CICA-8
P 4419	10750	COSTA RICA/CICA-4
P 4420	11972	COSTA RICA/CICA-4
P 4421	17354	COSTA RICA/CICA-4
P 4422	RUSTIC	IRAT 13/COSTA RICA
P 4423	10750	IRAT 13/COSTA RICA
P 4424	17396	IRAT 13/COSTA RICA
P 4425	5869	IRAT 13/CEYSVONI
P 4426	17631	IRAT 13/CEYSVONI
P 4427	15352	IRAT 13/CEYSVONI
P 4428	5715	IRAT 13/CEYSVONI
P 4429	10750	IRAT 13/CEYSVONI
P 4430	5869	NORDBEREKAN/CEYSVONI
P 4431	17631	NORDBEREKAN/CEYSVONI
P 4432	15352	NORDBEREKAN/CEYSVONI
P 4433	10405	NORDBEREKAN/CEYSVONI
P 4434	11972	NORDBEREKAN/CEYSVONI
P 4435	17396	NORDBEREKAN/CEYSVONI
P 4436	17444	NORDBEREKAN/CEYSVONI
P 4437	10750	5863/CAMPONI
P 4438	METICA-1	5863/CAMPONI
P 4439	17431	5863/CAMPONI
P 4440	11972	5863/CAMPONI
P 4441	15352	5863/CAMPONI
P 4442	11972	CAMPONI/5685
P 4443	15352	CAMPONI/5685
P 4444	10405	CAMPONI/5685
P 4445	10750	CAMPONI/5685
P 4446	RUSTIC	CAMPONI/5685
P 4447	METICA-1	IR-1529-430/MONOLAYA
P 4448	11972	IR-1529-430/MONOLAYA
P 4449	17354	IR-1529-430/MONOLAYA
P 4450	10750	IR-1529-430/MONOLAYA

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4451	10405	IR-1529-430/MONOLAYA
P 4452	RUSTIC	IR-1529-430/MONOLAYA
P 4453	15352	H5/CAMPONI
P 4454	11972	H5/CAMPONI
P 4455	10750	H5/CAMPONI
P 4456	10750	7152/COSTA RICA
P 4457	11972	7152/COSTA RICA
P 4458	11219	CAMPONI/5006
P 4459	10750	CAMPONI/5006
P 4460	17631	CAMPONI/5006
P 4461	17431	CAMPONI/5006
P 4462	5869	CAMPONI/5006
P 4463	17354	CAMPONI/5006
P 4464	METICA-1	4440/REMOJJA
P 4465	17391	4440/REMOJJA
P 4466	11972	4440/REMOJJA
P 4467	METICA-1	RUSTIC/IR1820
P 4468	11972	RUSTIC/IR1820
P 4469	15352	RUSTIC/IR1820
P 4470	METICA-1	RUSTIC/5685
P 4471	17431	RUSTIC/5685
P 4472	10405	RUSTIC/5685
P 4473	15352	RUSTIC/5685
P 4474	17354	RUSTIC/5685
P 4475	5869	RUSTIC/5006
P 4476	11219	RUSTIC/5006
P 4477	11972	RUSTIC/5006
P 4478	10405	RUSTIC/5006
P 4479	10665	RUSTIC/5006
P 4480	15352	RUSTIC/5006
P 4481	5715	RUSTIC/5006
P 4482	11972	RUSTIC/5006
P 4483	5685	RUSTIC/5006
P 4484	11972	RUSTIC/5738
P 4485	11219	RUSTIC/5738
P 4486	11295	RUSTIC/5738
P 4487	15352	RUSTIC/5738
P 4488	10405	RUSTIC/5738
P 4489	10665	RUSTIC/5738
P 4490	5685	RUSTIC/5738
P 4491	5869	RUSTIC/5738
P 4492	11972	RUSTIC/CAMPONI
P 4493	10405	RUSTIC/CAMPONI
P 4494	10750	RUSTIC/CAMPONI
P 4495	15352	RUSTIC/CAMPONI
P 4496	17354	NORDBEREKAV/CAMPONI
P 4497	10750	NORDBEREKAV/CAMPONI
P 4498	15352	NORDBEREKAV/CAMPONI
P 4499	10405	NORDBEREKAV/CAMPONI
P 4500	10750	J250/CAMPONI

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4501	METICA-1	3250/CAMPONI
P 4502	15352	3250/CAMPONI
P 4503	15373	3250/IRAT-8
P 4504	METICA-1	3250/IRAT-8
P 4505	10750	3250/IRAT-8
P 4506	10750	CAMPONI/LAC-23
P 4507	10405	CAMPONI/LAC-23
P 4508	17354	CAMPONI/LAC-23
P 4509	5738	RUSTIC/5869
P 4510	11972	RUSTIC/5869
P 4511	10750	RUSTIC/5869
P 4512	10405	RUSTIC/5869
P 4513	17350	RUSTIC/5869
P 4514	15352	RUSTIC/5869
P 4515	5869	B6 90-2/CICA-7
P 4516	17354	CAMPONI/7153
P 4517	10750	CAMPONI/7153
P 4518	5738	2940/5006
P 4519	11972	2940/5006
P 4520	10750	2940/5006
P 4521	15352	2940/5006
P 4522	10405	2940/5006
P 4523	17391	2940/5006
P 4524	TAPURIPA/MOROBEREKAN	COLOMBIA 1/IRAT-8
P 4525	COLOMBIA 1/CAMPONI	TAPURIPA/MOROBEREKAN
P 4526	TAPURIPA/MOROBEREKAN	B690-2/COLOMBIA 1
P 4527	TAPURIPA/MOROBEREKAN	IRAT 13/TAPURIPA
P 4528	TAPURIPA/MOROBEREKAN	IRAT 13/COSTA RICA
P 4529	TAPURIPA/MOROBEREKAN	IR 262/COSTA RICA
P 4530	TAPURIPA/MOROBEREKAN	IR 262/COLOMBIA-1
P 4531	TAPURIPA/MOROBEREKAN	RUSTIC/B690-2
P 4532	TAPURIPA/MOROBEREKAN	B690-2/5006
P 4533	TAPURIPA/MOROBEREKAN	RUSTIC/5006
P 4534	TAPURIPA/MOROBEREKAN	RUSTIC/5738
P 4535	COLOMBIA-1/COSTA RICA	IRAT 13/TAPURIPA
P 4536	COLOMBIA-1/COSTA RICA	RUSTIC/B690-2
P 4537	COLOMBIA-1/COSTA RICA	B690-2/5006
P 4538	COLOMBIA-1/COSTA RICA	RUSTIC/5006
P 4539	COLOMBIA-1/COSTA RICA	RUSTIC/5738
P 4540	COLOMBIA-1/IRAT-8	TAPURIPA/MOROBEREKAN
P 4541	COLOMBIA 1	COSTA RICA
P 4542	COLOMBIA 1	TAPURIPA
P 4543	COLOMBIA 1	IR262
P 4544	COLOMBIA 1	IRAT 13
P 4545	COSTA RICA	TAPURIPA
P 4546	COSTA RICA	IR 262
P 4547	COSTA RICA	IRAT 13
P 4548	TAPURIPA	IR 262
P 4549	TAPURIPA	IRAT 13
P 4550	IR262	IRAT 13

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4551	COLOMBIA 1	RUSTIC
P 4552	COSTA RICA	RUSTIC
P 4553	TAPURIPA	RUSTIC
P 4554	IR262	RUSTIC
P 4555	IRAT 13	RUSTIC
P 4556	LINEA B	TADUKAN
P 4557	R09	CICA 7
P 4558	CR 1113	IRAT 13
P 4559	CR 1113	IAC 164
P 4560	B690-2	IAC 164
P 4561	17330	IAC 164
P 4562	5738	IAC 165
P 4563	NETICA 1	IAC 165
P 4564	CICA 7	17631
P 4565	16750	ANAYANGI
P 4566	10750	PELITA 1/1
P 4567	NETICA 1	ANAYANGI
P 4568	CR 1113	IRAT 122
P 4569	CR 1113	TETEP
P 4570	CR 1113	ANAYANGI
P 4571	CR 1113	CEYSVONI
P 4572	CR 1113	CAMPONI
P 4573	CR 1113	IRAT 10
P 4574	CR 1113	IRAT 8
P 4575	CR 1113	B6 402-4
P 4576	CR 1113	TOX 728-2
P 4577	CR 1113	IAC 164
P 4578	CR 1113	IAC 165
P 4579	CR 1113	REHADIJA
P 4580	IR-5	BBT-50
P 4581	IR-5	TOX 728-2
P 4582	IR-5	IRAT 122
P 4583	IR-5	O.S.6
P 4584	IR-5	SUAKOKO
P 4585	IR-5	IRAT-8
P 4586	IR 4-2	IRAT 122
P 4587	IR 4-2	O.S.6
P 4588	IR 4-2	SUAKOKO
P 4589	IR 4-2	BBT-50
P 4590	IR 4568-225-3-2	BBT-50
P 4591	IR 4568-225-3-2	O.S.6
P 4592	CEYSVONI / IAC 25	CAROLINO
P 4593	IRAT 13/63-83	CAMPONI/CICA-8
P 4594	IR 1529-430-3	AZUCENA
P 4595	CR 1113	IR 11-452
P 4596	CR 1113	IRAT-13
P 4597	CR 1113	CICA-8
P 4598	CR 1113	DAMARIS
P 4599	CR 1113	CICA-4
P 4600	CR 1113	IR 1529-430

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4601	CR 1113	MONLAYA
P 4602	IRS	TAPURIPA
P 4603	IRS	NOROBEREKAN
P 4604	IR 4-2	TOX 1010-45-1-1
P 4605	IR 4568-225-3-2	TOX 1010-45-1-1
P 4606	IRS	INIAP 415
P 4607	IRS	IR1529-430
P 4608	IRS	CAROLINO
P 4609	IRS	CR-201
P 4610	TOX 728-2	IR1529-430-3/MIRAMOND
P 4611	TOX 1010-45-1-1	IR9575/MIRAMOND
P 4612	IRA-2	CAMPONI
P 4613	IRA-2	CICA-7
P 4614	IRA-2	RUSTIC
P 4615	IRA568-225-3-2	IR9575/MIRAMOND
P 4616	IRA-2	IRAT 13/IAC 25
P 4617	IRA568-225-3-2	SUAKOKO
P 4618	IRA568-225-3-2	IAC 165
P 4619	TAPURIPA	MONLAYA
P 4620	TAPURIPA	CAROLINO
P 4621	IRA-2	IR 1529-430-3/ COSTA RICA
P 4622	CAMPONI	CAROLINO
P 4623	IRAT 13/COSTA RICA	16832
P 4624	RUSTIC/5685	IRAT 13/63-83
P 4625	IR 4-2	IR 1529-430-3/IAC 25
P 4626		
P 4627	IR25740	COLOMBIA-1
P 4628	IR25740	6850
P 4629	IR25740	IAC 165
P 4630	IR25740	METICA-1
P 4631	IR25740	17631
P 4632	IR25740	16838
P 4633	IR25740	17062
P 4634	IR25740	15352
P 4635	IR25740	5869
P 4636	IR25740	TOX 1010-45-1-1
P 4637	IR25740	17100
P 4638	IR25740	16866
P 4639	IR25740	CAMPONI
P 4640	IR25740	IRAT 13
P 4641	IR25740	SUAKOKO B
P 4642	IR25740	CICA-8
P 4643	IR 25746	COLOMBIA-1
P 4644	IR 25746	6850
P 4645	IR 25746	IAC 165
P 4646	IR 25746	CICA-4
P 4647	IR 25746	METICA-1
P 4648	IR 25746	17631
P 4649	IR 25746	16838
P 4650	IR 25746	17062

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4651	IR 25746	15352
P 4652	IR 25746	5869
P 4653	IR 25746	5738
P 4654	IR 25746	CICA-7
P 4655	IR 25746	TOI 1010-45-1-1
P 4656	IR 25746	10750
P 4657	IR 25746	17100
P 4658	IR 25746	18868
P 4659	IR 25746	CAMPONI
P 4660	IR 25746	IRAT-13
P 4661	IR 25746	SUKOKO B
P 4662	IR 25746	CICA-B
P 4663	IR25758	COLOMBIA-1
P 4664	IR25758	6850
P 4665	IR25758	IAC-165
P 4666	IR25758	METICA-1
P 4667	IR25758	17631
P 4668	IR25758	16838
P 4669	IR25758	15352
P 4670	IR25758	5869
P 4671	IR25758	CICA-7
P 4672	IR25758	10750
P 4673	IR25758	17100
P 4674	IR25758	18868
P 4675	IR25758	CAMPONI
P 4676	IR25758	IRAT 13
P 4677	IR25758	SUKOKO B
P 4678	COLOMBIA 1/TAPURIPA	COSTA RICA / IR 262
P 4679	COLOMBIA 1/TAPURIPA	COSTA RICA / IRAT 13
P 4680	COLOMBIA 1/TAPURIPA	COSTA RICA/RUSTIC
P 4681	COLOMBIA 1/TAPURIPA	IR 262 / IRAT 13
P 4682	COLOMBIA 1/TAPURIPA	IR 262/RUSTIC
P 4683	COLOMBIA 1/TAPURIPA	IRAT 13/ RUSTIC
P 4684	COLOMBIA 1/COSTA RICA	TAPURIPA/IR 262
P 4685	COLOMBIA 1/COSTA RICA	TAPURIPA/ IRAT 13
P 4686	COLOMBIA 1/COSTA RICA	TAPURIPA/RUSTIC
P 4687	COLOMBIA 1/COSTA RICA	IR 262/IRAT 13
P 4688	COLOMBIA 1/COSTA RICA	IR 262/ RUSTIC
P 4689	COLOMBIA 1/COSTA RICA	IRAT 13/RUSTIC
P 4690	COLOMBIA1/IR 262	TAPURIPA/COSTA RICA
P 4691	COLOMBIA1/IR 262	TAPURIPA/IRAT 13
P 4692	COLOMBIA1/IR 262	TAPURIPA/RUSTIC
P 4693	COLOMBIA1/IR 262	COSTA RICA/IRAT 13
P 4694	COLOMBIA1/IR 262	COSTA RICA/RUSTIC
P 4695	COLOMBIA1/IR 262	IRAT 13/ RUSTIC
P 4696	COLOMBIA1/IRAT 13	TAPURIPA/ COSTA RICA
P 4697	COLOMBIA1/IRAT 13	TAPURIPA/ IR 262
P 4698	COLOMBIA1/IRAT 13	TAPURIPA/ RUSTIC
P 4699	COLOMBIA1/IRAT 13	COSTA RICA/ IR 262
P 4700	COLOMBIA1/IRAT 13	COSTA RICA/ RUSTIC

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4701	COLOMBIA/IRAT 13	IR 262/ RUSTIC
P 4702	COLOMBIA 1/ RUSTIC	TAPURIPA/COSTA RICA
P 4703	COLOMBIA 1/ RUSTIC	TAPURIPA/ IR 262
P 4704	COLOMBIA 1/ RUSTIC	TAPURIPA/IRAT 13
P 4705	COLOMBIA 1/ RUSTIC	COSTA RICA/ IR 262
P 4706	COLOMBIA 1/ RUSTIC	COSTA RICA/ IRAT 13
P 4707	COLOMBIA 1/ RUSTIC	IR 262/ IRAT 13
P 4708	CIMINI	HS
P 4709	BG 375-1	TADUKAN
P 4710	15900	RUSTIC/5006
P 4711	18429	RUSTIC/5006
P 4712	17431	RUSTIC/5738
P 4713	16492	RUSTIC/5738
P 4714	18467	RUSTIC/5869
P 4715	17388	RUSTIC/5869
P 4716	5728	8690-2/5006
P 4717	17406	8690-2/5006
P 4718	18467	INIAP 415/5738
P 4719	17431	INIAP 415/5738
P 4720	15900	INIAP/5738
P 4721	16497	2940/5006
P 4722	11744	2940/5738
P 4723	11643	2940/5738
P 4724	IR 841	2940/5738
P 4725	18467	2940/5738
P 4726	17406	2940/5738
P 4727	17388	7153/5738
P 4728	17355	7153/5738
P 4729	18429	7153/5738
P 4730	11744	CICA-7/5863
P 4731	11292	CICA-7/5863
P 4732	16497	RUSTIC/5728
P 4733	11744	RUSTIC/5728
P 4734	11643	RUSTIC/5728
P 4735	17327	RUSTIC/5728
P 4736	5869	5728/8694-1
P 4737	TOX503-1	5728/8694-1
P 4738	TO11011-4	5728/8694-1
P 4739	18841	5728/5006
P 4740	2476	5728/5006
P 4741	17431	5728/5006
P 4742	6850	5728/5006
P 4743	5685	5728/5006
P 4744	17388	5728/5006
P 4745	11744	5728/5006
P 4746	18467	5728/5006
P 4747	11292	5728/5006
P 4748	17355	5728/5006
P 4749	17361	5728/5006
P 4750	5685	2476/5006

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4751	5869	2476/5006
P 4752	15900	2476/5006
P 4753	5685	2476/5728
P 4754	5728	CICA-7/6850
P 4755	18510	CICA-7/6850
P 4756	18420	CICA-7/6850
P 4757	5728	B690-2/CICA-7
P 4758	5869	B690-2/CICA-7
P 4759	11744	B690-2/TADUKAN
P 4760	5728	B690-2/COLUMBIA-1
P 4761	5869	B690-2/COLUMBIA-1
P 4762	17355	CICA-4/S.M.L. 56/7
P 4763	15843	CICA-4/S.M.L. 56/7
P 4764	11643	CICA-4/S.M.L. 56/7
P 4765	16439	CICA-4/S.M.L. 56/7
P 4766	11744	CICA-4/S.M.L. 56/7
P 4767	18420	CICA-4/S.M.L. 56/7
P 4768	5738	CICA-4/S.M.L. 56/7
P 4769	11292	CICA-4/S.M.L. 56/7
P 4770	10493	CICA-4/S.M.L. 56/7
P 4771	17451	CICA-4/S.M.L. 56/7
P 4772	17388	CICA-4/S.M.L. 56/7
P 4773	5685	CICA-4/S.M.L. 56/7
P 4774	19934	CICA-4/S.M.L. 56/7
P 4775	18429	CICA-4/S.M.L. 56/7
P 4776	18467	CICA-4/S.M.L. 56/7
P 4777	18510	CICA-4/CAMPONI
P 4778	5738	CICA-4/CAMPONI
P 4779	11292	CICA-4/CAMPONI
P 4780	15900	CICA-4/CAMPONI
P 4781	15843	CICA-4/CAMPONI
P 4782	16438	CICA-4/CAMPONI
P 4783	18420	CICA-4/CAMPONI
P 4784	17444	CICA-4/CAMPONI
P 4785	16497	CICA-4/CAMPONI
P 4786	11744	CICA-4/CAMPONI
P 4787	11643	CICA-4/CAMPONI
P 4788	17355	CICA-4/CAMPONI
P 4789	5738	CICA-4/TADUKAN
P 4790	18467	CICA-4/TADUKAN
P 4791	5685	CICA-4/TADUKAN
P 4792	18510	CICA-4/TADUKAN
P 4793	16439	CICA-4/TADUKAN
P 4794	15843	CICA-4/TADUKAN
P 4795	11972	CICA-4/TADUKAN
P 4796	11643	CICA-4/TADUKAN
P 4797	17388	CICA-4/TADUKAN
P 4798	5728	IR 262/TADUKAN
P 4799	11972	IR 262/TADUKAN
P 4800	17355	IR 262/TADUKAN

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4801	11744	IR 262/TADUKAN
P 4802	11361	LINEA-B/S.M.L. 56/7
P 4803	5738	LINEA-B/S.M.L. 56/7
P 4804	17444	LINEA-B/S.M.L. 56/7
P 4805	11292	LINEA-B/S.M.L. 56/7
P 4806	5685	LINEA-B/S.M.L. 56/7
P 4807	11643	LINEA-B/S.M.L. 56/7
P 4808	11744	IR1529-430/TADUKAN
P 4809	11972	IR1529-430/TADUKAN
P 4810	17444	IR1529-430/TADUKAN
P 4811	18420	IR1529-430/TADUKAN
P 4812	16439	IR1529-430/TADUKAN
P 4813	15843	IR1529-430/TADUKAN
P 4814	11643	IR1529-430/TADUKAN
P 4815	5738	IR 1820/CICA-4
P 4816	17388	IR 1820/CICA-4
P 4817	17444	IR 1820/CICA-4
P 4818	18420	IR 1820/CICA-4
P 4819	18429	IR 1820/CICA-4
P 4820	18467	IR 1820/CICA-4
P 4821	5738	2940/CICA-4
P 4822	18467	2940/CICA-4
P 4823	17388	2940/CICA-4
P 4824	15843	2940/CICA-4
P 4825	5728	5461/CICA-7
P 4826	5738	SUAKOKO/CAMPONI
P 4827	2476	SUAKOKO/CAMPONI
P 4828	18420	SUAKOKO/CAMPONI
P 4829	17361	SUAKOKO/CAMPONI
P 4830	11744	SUAKOKO/CAMPONI
P 4831	17355	SUAKOKO/CAMPONI
P 4832	11643	SUAKOKO/CAMPONI
P 4833	11292	SUAKOKO/CAMPONI
P 4834	16252	SUAKOKO/CAMPONI
P 4835	18452	SUAKOKO/CAMPONI
P 4836	18510	SUAKOKO/CAMPONI
P 4837	5728	SUAKOKO/CAMPONI
P 4838	16438	SUAKOKO/CAMPONI
P 4839	17444	SUAKOKO/CAMPONI
P 4840	5738	RD 9/CICA-7
P 4841	5728	RD 9/CICA-7
P 4842	5869	CICA 9/CICA-7
P 4843	IR 841	CICA 9/CICA-7
P 4844	17431	CICA 9/CICA-7
P 4845	11744	IR 262/COSTA RICA
P 4846	11643	IR 262/COSTA RICA
P 4847	17431	IR 262/COSTA RICA
P 4848	5728	IR 262/COSTA RICA
P 4849	5728	SUAKOKO/CEYSONI
P 4850	METICA-1	SUAKOKO/CEYSONI

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4851	5869	SUAKOKO/CEYSVONI
P 4852	16439	SUAKOKO/CEYSVONI
P 4853	17388	SUAKOKO/CEYSVONI
P 4854	15843	SUAKOKO/CEYSVONI
P 4855	17327	SUAKOKO/CEYSVONI
P 4856	17433	SUAKOKO/CEYSVONI
P 4857	19934	SUAKOKO/CEYSVONI
P 4858	18467	SUAKOKO/CEYSVONI
P 4859	CICA-4	SUAKOKO/CEYSVONI
P 4860	11972	SUAKOKO/CEYSVONI
P 4861	11643	SUAKOKO/CEYSVONI
P 4862	17431	SUAKOKO/CEYSVONI
P 4863	16252	SUAKOKO/AWINI
P 4864	18510	SUAKOKO/AWINI
P 4865	18420	SUAKOKO/AWINI
P 4866	17327	SUAKOKO/AWINI
P 4867	CICA-7	SUAKOKO/AWINI
P 4868	16438	SUAKOKO/AWINI
P 4869	11744	SUAKOKO/AWINI
P 4870	11292	SUAKOKO/AWINI
P 4871	11643	SUAKOKO/AWINI
P 4872	11972	SUAKOKO/AWINI
P 4873	17433	SUAKOKO/AWINI
P 4874	17431	SUAKOKO/AWINI
P 4875	METICA-1	SUAKOKO/AWINI
P 4876	5728	SUAKOKO/AWINI
P 4877	5685	RUSTIC/METICA-1
P 4878	5685	RUSTIC/DRYZICA-1
P 4879	5685	2940/METICA-1
P 4880	5685	2940/DRYZICA-1
P 4881	5685	RUSTIC/5728
P 4882	5685	5728/METICA-1
P 4883	5685	SUAKOKO/CEYSVONI
P 4884	5685	SUAKOKO/AWINI
P 4885	5685	SUAKOKO/CAMPONE
P 4886	5685	SUAKOKO
P 4887	5685	2476
P 4888	5685	5863
P 4889	5685	5869
P 4890	5685	RUSTIC
P 4891	5685	2941
P 4892	5685	CHIANUNG SEN YU 23
P 4893	DRYZICA-1	B5461-PA-58-5-3-1
P 4894	DRYZICA-1	14757
P 4895	DRYZICA-1	B 5418-PA-58-5-3-1
P 4896	DRYZICA-1	IET-2845
P 4897	DRYZICA-1	IR22
P 4898	DRYZICA-1	IR4432-52-6-4
P 4899	DRYZICA-1	IR4722-251-4
P 4900	DRYZICA-1	PALAWAN

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4901	METICA-1	BS461-PA-58-5-3-1
P 4902	METICA-1	14757
P 4903	METICA-1	BS418-PN-58-5-3-1
P 4904	METICA-1	IET-2845
P 4905	METICA-1	IR22
P 4906	METICA-1	IR4432-52-6-4
P 4907	METICA-1	IR4722-251-4
P 4908	METICA-1	PALAWAN
P 4909	11744	BS461-PA-58-5-3-1
P 4910	11744	14757
P 4911	11744	BS418-PN-58-5-3-1
P 4912	11744	IET-2845
P 4913	11744	IR22
P 4914	11744	IR4432-52-6-4
P 4915	11744	IR4722-251-4
P 4916	11744	PALAWAN
P 4917	17388	BS461-PA-58-5-3-1
P 4918	17388	14757
P 4919	17388	BS418-PN-58-5-3-1
P 4920	17388	IET-2845
P 4921	17388	IR22
P 4922	17388	IR4432-52-6-4
P 4923	17388	IR4722-251-4
P 4924	17388	PALAWAN
P 4925	17327	BS461-PA-58-5-3-1
P 4926	17327	14757
P 4927	17327	BS418-PN-58-5-3-1
P 4928	17327	IET-2845
P 4929	17327	IR22
P 4930	17327	IR4432-52-6-4
P 4931	17327	IR4722-251-4
P 4932	17327	PALAWAN
P 4933	CICA-4	BS461-PA-58-5-3-1
P 4934	CICA-4	14757
P 4935	CICA-4	BS418-PN-58-5-3-1
P 4936	CICA-4	IET-2845
P 4937	CICA-4	IR22
P 4938	CICA-4	IR4432-52-6-4
P 4939	CICA-4	IR4722-251-4
P 4940	CICA-4	PALAWAN
P 4941	CICA-7	BS461-PA-58-5-3-1
P 4942	CICA-7	14757
P 4943	CICA-7	BS418-PN-58-5-3-1
P 4944	CICA-7	IET-2845
P 4945	CICA-7	IR-22
P 4946	CICA-7	IR4432-52-6-4
P 4947	CICA-7	IR4722-251-4
P 4948	CICA-7	PALAWAN
P 4949	IR 5	CAMPONI
P 4950	IR 5	IAC 164

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 4951	IR 5	CR 1113
P 4952	IR 5	TOX 1010-45-1-1
P 4953	IR 4-2	CAROLINO
P 4954	IR 4-2	MONLAYA
P 4955	IR 4-2	IAC 165
P 4956	IR 4-2	IRAT 13
P 4957	IR 4-2	TOX 728-2
P 4958	IR 4-2	MOROBEREKAN
P 4959	IR 4-2	CEYSVONI
P 4960	IR 4-2	IR 5657-33-2-2-3
P 4961	IR 4-2	IR4422-480-2-3-3
P 4962	CAROLINO	MONLAYA
P 4963	CAROLINO	IAC 164
P 4964	CAROLINO	IAC 165
P 4965	CAROLINO	IRAT 13
P 4966	CAROLINO	CEYSVONI
P 4967	CAROLINO	MOROBEREKAN
P 4968	CAROLINO	METICA 1
P 4969	CAROLINO	TOX 728-2
P 4970	CAROLINO	TOX 1010-45-1-1
P 4971	CAROLINO	TOX 1785-19-18
P 4972	CAROLINO	BG 402-4
P 4973	CAROLINO	RUSTIC
P 4974	CAROLINO	BLUE BONNET 50
P 4975	CAROLINO	IR 5657-33-2-2-3
P 4976	CAROLINO	SUKOKO
P 4977	CAMPONI	IRAT 13
P 4978	CAMPONI	MONLAYA
P 4979	CAMPONI	BLUE BONNET 50
P 4980	CEYSVONI	BLUE BONNET 50
P 4981	CEYSVONI	MONLAYA
P 4982	CEYSVONI	IRAT 13
P 4983	CEYSVONI	IRAT 122
P 4984	IRAT 13	MONLAYA
P 4985	IRAT 13	BLUE BONNET 50
P 4986	MONLAYA	P 1381-1-6M-2-18
P 4987	MONLAYA	BG 402-4
P 4988	MONLAYA	TOX 728-2
P 4989	MONLAYA	TOX 1785-19-18
P 4990	MONLAYA	5685
P 4991	MONLAYA	IAC 165
P 4992	MONLAYA	IAC 25
P 4993	MONLAYA	RUSTIC
P 4994	METICA 1	SUKOKO
P 4995	METICA 1	TOX 503-1-52
P 4996	METICA 1	TOX 718-1-23
P 4997	METICA 1	PICO NEGRO
P 4998	METICA 1	NAM SA GUI 19
P 4999	IR 4568-225-3-2	CAMPONI
P 5000	IR 4568-225-3-2	IR 5657-33-2-2-3

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 5001	COLOMBIA 1	CICA 8
P 5002	COLOMBIA 1	CR 1113
P 5003	COLOMBIA 1	5685
P 5004	COLOMBIA 1	TOX 1011-4-1
P 5005	COLOMBIA 1	IR 4-2
P 5006	COLOMBIA 1	17354
P 5007	COLOMBIA 1	TOX 728-2
P 5008	6850	SUAKOKO
P 5009	15843	SUAKOKO
P 5010	2941	SUAKOKO
P 5011	TOX 503-1-52	SUAKOKO
P 5012	TOX 1011-4-1	SUAKOKO
P 5013	IR 841	SUAKOKO
P 5014	5738	SUAKOKO
P 5015	17400	SUAKOKO
P 5016	17388	SUAKOKO
P 5017	11643	SUAKOKO
P 5018	RUSTIC	SUAKOKO
P 5019	TOX 503-1-52	15900
P 5020	TOX 503-1-52	17631
P 5021	TOX 503-1-52	17637
P 5022	TOX 503-1-52	RUSTIC
P 5023	TOX 503-1-52	15843
P 5024	TOX 503-1-52	16438
P 5025	TOX 503-1-52	5728
P 5026	TOX 503-1-52	IR 841
P 5027	TOX 503-1-52	6850
P 5028	TOX 503-1-52	11643
P 5029	TOX 1011-4-1	METICA 1
P 5030	TOX 1011-4-1	5738
P 5031	TOX 1011-4-1	15843
P 5032	TOX 1011-4-1	16438
P 5033	TOX 1011-4-1	5728
P 5034	TOX 1011-4-1	18510
P 5035	TOX 1011-4-1	11744
P 5036	TOX 1011-4-1	11643
P 5037	TOX 1011-4-1	IR 841
P 5038	17631	5738
P 5039	17631	METICA 1
P 5040	17631	16493
P 5041	17631	17400
P 5042	17431	5738
P 5043	17431	METICA 1
P 5044	17431	5869
P 5045	17431	2476
P 5046	17431	2941
P 5047	2476	PELITA 1/1
P 5048	6850	PELITA 1/1
P 5049	11744	PELITA 1/1
P 5050	11643	PELITA 1/1

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 5051	15900	PELITA 1/1
P 5052	CICA 7	PELITA 1/1
P 5053	18467	PELITA 1/1
P 5054	METICA 1	PELITA 1/1
P 5055	5738	PELITA 1/1
P 5056	TOX 503-1-52	PELITA 1/1
P 5057	TOX 1011-4-1	PELITA 1/1
P 5058	CICA 7	S.M.L. 56/7
P 5059	17400	S.M.L. 56/7
P 5060	17433	S.M.L. 56/7
P 5061	17355	S.M.L. 56/7
P 5062	5685	6850
P 5063	5685	15900
P 5064	5685	18467
P 5065	5685	AWAYANSI
P 5066	5685	TOX 1011-4-1
P 5067	5685	16497
P 5068	5685	11744
P 5069	5685	11972
P 5070	FANNY	TOX 1011-4-1
P 5071	FANNY	5728
P 5072	FANNY	S.M.L. 56/7
P 5073	FANNY	CICA 7
P 5074	FANNY	5685
P 5075	FANNY	17637
P 5076	IR4568-225-3-2	IRAT 13
P 5077	IR4568-225-3-2	BG 402-4
P 5078	IRGA 410	BLUEBELLE
P 5079	5728	SUAKOKO
P 5080	11744	SUAKOKO
P 5081	19934	SUAKOKO
P 5082	16438	SUAKOKO
P 5083	KACHSIUNG 180	TOX 503-1-52
P 5084	11744	TOX 503-1-52
P 5085	11972	TOX 1011-4-1
P 5086	6850	TOX 1011-4-1
P 5087	17400	5685
P 5088	17396	5685
P 5089	19934	5685
P 5090	11643	5685
P 5091	6850	KACHSIUNG 180
P 5092	5685	KACHSIUNG 180
P 5093	5728	KACHSIUNG 180
P 5094	CR 1113	KACHSIUNG 180
P 5095	JAC 164	IR 9575/MIRAMONO
P 5096	IR8073-65-6-1	CAMPONI/LAC 23
P 5097	MOROBEREKAW	IR 9575/MIRAMONO
P 5098	MONDLAYA	IR1529-430-3/MIRAMONO
P 5099	CARDLIND	BBT 50/IR 1529-430-3
P 5100	CARDLIND	IR 1529-430-3/MONDLAYA

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 5101	MONOLAYA	BBT 50/IR 1529-430-3
P 5102	CR 1113	RUSTIC/5728
P 5103	CR 1113	ELONI/CICA 8
P 5104	CR 1113	B690-2/IRAT 8
P 5105	CR 1113	LINEA 8 / IAC 25
P 5106	CR 1113	IR 11-452/SENCHO
P 5107	CR 1113	5461/IAC 25
P 5108	CR 1113	3210/IRAT 8
P 5109	17406	CR 1113/CAMPONI
P 5110	17406	CR 1113/IRAT 8
P 5111	17406	CR 1113/IRAT 13
P 5112	17406	CR 1113/DAMARIS
P 5113	17406	CR 1113/IAC 164
P 5114	17406	CR 1113/B6402-4
P 5115	CR 1113	CR 1113/CEYSVONI
P 5116	CR 1113	CR 1113/CICA 8
P 5117	17433	CR 1113/DAMARIS
P 5118	17433	CR 1113/IAC 164
P 5119	17433	CR 1113/MONOLAYA
P 5120	17347	CR 1113/CEYSVONI
P 5121	17347	CR 1113/IRAT 8
P 5122	17347	CR 1113/IRAT 13
P 5123	17347	CR 1113/TOX 728-2
P 5124	18467	CR 1113/IR 1529-430
P 5125	18467	CR 1113/B6402-4
P 5126	CIWINI	CR 1113/TOX 728-2
P 5127	CIWINI	CR 1113/B6402-4
P 5128	CR 1113	B6402-4/COLOMBIA 1
P 5129	CR 1113	IR 1820/B6402-4
P 5130	CR 1113	16863/RUSTIC
P 5131	CR 1113	RUSTIC/6850
P 5132	CR 1113	CICA 7/6850
P 5133	CR 1113	16863/6850
P 5134	CR 1113	CEYSVONI/5685
P 5135	CR 1113	CEYSVONI/5006
P 5136	CR 1113	IR 1820/COLOMBIA 1
P 5137	CR 1113	RUSTIC/3250
P 5138	IR5853-18-2	CR1113/CAMPONI
P 5139	IR5853-18-2	CR 1113/IRAT 13
P 5140	IR5853-18-2	CR 1113/TOX 728-2
P 5141	IR5853-18-2	CR 1113/IR 1529-430
P 5142	11744	CR 1113/CEYSVONI
P 5143	11744	CR 1113/CAMPONI
P 5144	11744	CR 1113/MONOLAYA
P 5145	IR 5853-18-2	CR 1113/CICA 8
P 5146	IRAT 13/63-83	B690-2/COSTA RICA
P 5147	IRAT 13/63-83	CAMPONI/7153
P 5148	5728	17631/CICA 7
P 5149	18510	17631/CICA 7
P 5150	18467	17631/CICA 7

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 5151	16497	17631/CICA 7
P 5152	17388	17631/CICA 7
P 5153	6850	17631/CICA 7
P 5154	18467	10750/PELITA 1/1
P 5155	17388	10750/PELITA 1/1
P 5156	5728	10750/PELITA 1/1
P 5157	6850	10750/ANAYANSI
P 5158	11744	10750/ANAYANSI
P 5159	16438	10750/ANAYANSI
P 5160	11643	10750/ANAYANSI
P 5161	19934	10750/ANAYANSI
P 5162	15843	10750/ANAYANSI
P 5163	18510	10750/ANAYANSI
P 5164	18467	10750/ANAYANSI
P 5165	1R B41	10750/ANAYANSI
P 5166	5863	METICA 1/ANAYANSI
P 5167	6850	METICA 1/ANAYANSI
P 5168	5738	METICA 1/ANAYANSI
P 5169	17400	METICA 1/ANAYANSI
P 5170	17631	METICA 1/ANAYANSI
P 5171	16438	METICA 1/ANAYANSI
P 5172	15843	METICA 1/ANAYANSI
P 5173	18510	METICA 1/ANAYANSI
P 5174	18467	METICA 1/ANAYANSI
P 5175	16493	METICA 1/ANAYANSI
P 5176	2476	METICA 1/ANAYANSI
P 5177	11292	METICA 1/ANAYANSI
P 5178	11744	METICA 1/ANAYANSI
P 5179	11643	METICA 1/ANAYANSI
P 5180	16252	METICA 1/ANAYANSI
P 5181	6850	17330/IAC 164
P 5182	5728	17330/IAC 164
P 5183	15900	17330/IAC 164
P 5184	19934	17330/IAC 164
P 5185	18467	17330/IAC 164
P 5186	16252	17330/IAC 164
P 5187	16493	17330/IAC 164
P 5188	17431	17330/IAC 164
P 5189	11643	17330/IAC 164
P 5190	5728	B690-2/IAC 164
P 5191	18510	B690-2/IAC 164
P 5192	16497	B690-2/IAC 164
P 5193	17400	B690-2/IAC 164
P 5194	11972	B690-2/IAC 164
P 5195	15900	METICA 1/IAC 165
P 5196	11744	METICA 1/IAC 165
P 5197	11643	METICA 1/IAC 165
P 5198	2476	METICA 1/IAC 165
P 5199	6850	METICA 1/IAC 165
P 5200	17431	METICA 1/IAC 165

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 5201	15843	METICA 1/TAC 165
P 5202	16438	METICA 1/TAC 165
P 5203	BLUEBELLE	11292
P 5204	IRGA 409	17330
P 5205	IRGA 409	BLUEBELLE
P 5206	IRGA 409	IRGA 410
P 5207	11292	IRGA 409
P 5208	ORO	BLUEBELLE
P 5209	ORO	DIAMANTE
P 5210	ORO	11292
P 5211	ORO	5738
P 5212	IRGA410	17354
P 5213	CICA 8 (LA LIBERTAD)	CICA 8 (ICA)
P 5214	5685	TAIPEI 309
P 5215	11219	TAIPEI 309
P 5216	11292	TAIPEI 309
P 5217	11295	TAIPEI 309
P 5218	11373	TAIPEI 309
P 5219	19959	TAIPEI 309
P 5220	19950	TAIPEI 309
P 5221	19953	TAIPEI 309
P 5222	19970	TAIPEI 309
P 5223	19965	TAIPEI 309
P 5224	16267	TAIPEI 309
P 5225	16280	TAIPEI 309
P 5226	17361	TAIPEI 309
P 5227	5685	TAICHUNG 176
P 5228	11292	TAICHUNG 176
P 5229	11295	TAICHUNG 176
P 5230	11373	TAICHUNG 176
P 5231	19959	TAICHUNG 176
P 5232	19950	TAICHUNG 176
P 5233	19953	TAICHUNG 176
P 5234	19970	TAICHUNG 176
P 5235	11219	TAICHUNG 176
P 5236	19965	TAICHUNG 176
P 5237	16267	TAICHUNG 176
P 5238	16280	TAICHUNG 176
P 5239	17361	TAICHUNG 176
P 5240	5685	COLOMBIA 1
P 5241	11219	COLOMBIA 1
P 5242	11292	COLOMBIA 1
P 5243	11295	COLOMBIA 1
P 5244	11373	COLOMBIA 1
P 5245	19959	COLOMBIA 1
P 5246	19950	COLOMBIA 1
P 5247	19953	COLOMBIA 1
P 5248	19970	COLOMBIA 1
P 5249	19965	COLOMBIA 1
P 5250	16267	COLOMBIA 1

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 5251	16280	COLOMBIA 1
P 5252	17361	COLOMBIA 1
P 5253	TOX 3001	ORYZICA-1
P 5254	TOX 3001	17388
P 5255	TOX 3001	11744
P 5256	TOX 3001	14757
P 5257	RD7/CICA-7	TOX 3001
P 5258	17327	TOX 3001
P 5259	CICA-7	TOX 3001
P 5260	16252	5728/5006
P 5261	18510	5728/5006
P 5262	B6402-4	IRAT 13/CEYSVONI
P 5263	CAMPONI/ LAC 23	IR2153-276-1-10-PR509
P 5264	5173	IRAT 13/ COSTA RICA
P 5265	MONOLAYA	IR 9575/ MIRAMOND
P 5266	IRAT10/ CAMPONI	IR 4-2
P 5267	IR 11-452/ SENSID	CR 1113
P 5268	5685*2	TAICHUNG 176
P 5269	5685*2	COLOMBIA 1
P 5270	CICA 4	CICA 9
P 5271	CICA 4	CICA 7
P 5272	CICA 4	CICA B
P 5273	CICA 4	ORYZICA-1
P 5274	CICA 4	IRAT 13
P 5275	CICA 4	MOREBEREKAN
P 5276	CICA 4	5685
P 5277	CICA 4	TETEP
P 5278	CICA 4	COLOMBIA-1
P 5279	CICA 4	IACA 7 ^o I ac 47
P 5280	CICA 4	IAC 165
P 5281	CICA 4	TAPURIPA
P 5282	CICA 4	METICA-1
P 5283	CICA 4	IR 52
P 5284	CICA 4	K B
P 5285	CICA 4	FANNY
P 5286	CICA 4	IR 22
P 5287	CICA 4	CEYSVONI
P 5288	17388	5685/SIAKOKO
P 5289	ORYZICA-1	5685/2476
P 5290	ORYZICA-1	5685/5863
P 5291	17327	5685/5869
P 5292	METICA-1	5685/RUSTIC
P 5293	METICA-1	5685/2941
P 5294	ORYZICA-1	5685/CHIANG SEN YU 23
P 5295	17388	IRAT 120
P 5296	17388	IRAT 121
P 5297	17388	IRAT 122
P 5298	17388	IRAT 124
P 5299	17388	IRAT 125
P 5300	5728	IRAT 120

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 5301	5728	IRAT 121
P 5302	5728	IRAT 122
P 5303	5728	IRAT 124
P 5304	5728	IRAT 125
P 5305	5685	IRAT 120
P 5306	5685	IRAT 121
P 5307	5685	IRAT 122
P 5308	5685	IRAT 124
P 5309	5685	IRAT 125
P 5310	11643	IRAT 120
P 5311	11643	IRAT 121
P 5312	11643	IRAT 122
P 5313	11643	IRAT 124
P 5314	11643	IRAT 125
P 5315	11744	IRAT 120
P 5316	11744	IRAT 121
P 5317	11744	IRAT 122
P 5318	11744	IRAT 124
P 5319	11744	IRAT 125
P 5320	11972	IRAT 120
P 5321	11972	IRAT 121
P 5322	11972	IRAT 122
P 5323	11972	IRAT 124
P 5324	11972	IRAT 125
P 5325	14757	IRAT 120
P 5326	14757	IRAT 121
P 5327	14757	IRAT 122
P 5328	14757	IRAT 124
P 5329	14757	IRAT 125
P 5330	11643	CANILLA
P 5331	11744	CANILLA
P 5332	11972	CANILLA
P 5333	14757	CANILLA
P 5334	5685	CANILLA
P 5335	IRAT 120	IR22/TADUKAN
P 5336	IRAT 120	IR22/5728
P 5337	IRAT 120	IR22/5685
P 5338	UP 1588	ORYZICA 1
P 5339	IRAT 120	CICA-7/TADUKAN
P 5340	IRAT 120	RUSTIC/TADUKAN
P 5341	IRAT 120	RUSTIC/5728
P 5342	IRAT 120	5728/5006
P 5343	IRAT 120	5728/5738
P 5344	IRAT 120	5728/CICA-8
P 5345	IRAT 121	IR22/TADUKAN
P 5346	IRAT 121	IR22/5728
P 5347	IRAT 121	IR22/5685
P 5348	IRAT 121	IR22/5006
P 5349	IRAT 121	CICA-7/TADUKAN
P 5350	IRAT 121	RUSTIC/TADUKAN

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 5351	IRAT 121	RUSTIC/5728
P 5352	IRAT 121	5728/5006
P 5353	IRAT 121	5728/5738
P 5354	IRAT 121	5728/CICA-B
P 5355	IRAT 122	IR22/TADUKAN
P 5356	IRAT 122	IR22/5728
P 5357	IRAT 122	IR22/5685
P 5358	IRAT 122	IR22/5006
P 5359	IRAT 122	CICA-7/TADUKAN
P 5360	IRAT 122	RUSTIC/TADUKAN
P 5361	IRAT 122	RUSTIC/5728
P 5362	IRAT 122	5728/5006
P 5363	IRAT 122	5728/5738
P 5364	IRAT 122	5728/CICA-B
P 5365	IRAT 124	IR22/TADUKAN
P 5366	IRAT 124	IR22/5728
P 5367	IRAT 124	IR22/5685
P 5368	IRAT 124	IR22/5006
P 5369	IRAT 124	CICA-7/TADUKAN
P 5370	IRAT 124	RUSTIC/TADUKAN
P 5371	IRAT 124	RUSTIC/5728
P 5372	IRAT 124	5728/5006
P 5373	IRAT 124	5728/5738
P 5374	IRAT 124	5728/CICA-B
P 5375	IRAT 125	IR22/TADUKAN
P 5376	IRAT 125	IR22/5728
P 5377	IRAT 125	IR22/5685
P 5378	IRAT 125	IR22/5006
P 5379	IRAT 125	CICA-7/TADUKAN
P 5380	IRAT 125	RUSTIC/TADUKAN
P 5381	IRAT 125	RUSTIC/5728
P 5382	IRAT 125	5728/5006
P 5383	IRAT 125	5728/5738
P 5384	IRAT 125	5728/CICA-B
P 5385	IR 5 / CAMPONI	COLOMBIA 1 / CICA 8
P 5386	IR 5 / CAMPONI	COLOMBIA 1 / 5685
P 5387	IR 5 / CAMPONI	COLOMBIA 1 / CR 1113
P 5388	IR 5 / CAMPONI	COLOMBIA 1/ TOX 1011-4-1
P 5389	IR 5 / CAMPONI	COLOMBIA 1 / 17354
P 5390	IR 5 / CAMPONI	IR 5 / MURGBERKAN
P 5391	IR 5 / IAC 164	COLOMBIA 1 / CR 1113
P 5392	IR 5 / IAC 164	COLOMBIA 1 / 5685
P 5393	IR 5 / IAC 164	COLOMBIA 1/ TOX 1011-4-1
P 5394	TOX 1011-4-1/PELITA 1/1	IR 5/ IAC 164
P 5395	IR 5 / CR1113	COLOMBIA 1 / CICA 8
P 5396	IR 5 / CR1113	COLOMBIA 1 / CR 1113
P 5397	IR 5 / CR1113	COLOMBIA 1 / 5685
P 5398	TOX 503-1-52 / PELITA 1/1	IR 5 / CR 1113
P 5399	IR 5 / TOX 1010-45-1-1	CEYSWONI / IRAT 123
P 5400	CR 1113 / IRAT 122	IR 5 / TOX 1010-45-1-1

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 5401	IR 5 / TOX 1010-45-1-1	COLOMBIA 1 / CICA 8
P 5402	IR 5 / TOX 1010-45-1-1	COLOMBIA 1 / CR 1113
P 5403	IR 5 / TOX 1010-45-1-1	COLOMBIA 1/ TOX 1011-4-1
P 5404	CR 1113 / IRAT 122	IR 5 / IR 1529-430-3
P 5405	IR 5 / IR 1529-430-3	COLOMBIA 1 / CICA 8
P 5406	IR 5 / IR 1529-430-3	COLOMBIA 1/ TOX 1011-4-1
P 5407	CR 1113 / IRAT 122	IR 5 / MOROBEREKAN
P 5408	IR 5 / MOROBEREKAN	COLOMBIA 1 / CR 1113
P 5409	IR 5 / MOROBEREKAN	COLOMBIA 1 / 5685
P 5410	TOX 503-1-52 / PELITA 1/1	IR 5 / MOROBEREKAN
P 5411	5738 / PELITA 1/1	IR 5 / MOROBEREKAN
P 5412	METICA 1 / SUKOKO	IR 5 / MOROBEREKAN
P 5413	CR 1113 / IRAT 122	COLOMBIA 1 / 5685
P 5414	CR 1113 / IRAT 122	IR 5 / CAROLINO
P 5415	IR 5 / CAROLINO	COLOMBIA 1 / CR 1113
P 5416	IR 5 / CAROLINO	COLOMBIA 1 / 5685
P 5417	TOX 503-1-52 / PELITA 1/1	IR 5 / CAROLINO
P 5418	5738 / PELITA 1/1	IR 5 / CAROLINO
P 5419	IR 5 / INIAP 415	COLOMBIA 1 / CR 1113
P 5420	IR 5 / INIAP 415	COLOMBIA 1 / CICA 8
P 5421	IR 5 / INIAP 415	COLOMBIA 1 / 17354
P 5422	IR 4-2 / IAC 165	COLOMBIA 1 / 5685
P 5423	IR 4-2 / IAC 165	COLOMBIA 1/ TOX 1011-4-1
P 5424	IR 4-2 / IAC 165	COLOMBIA 1 / 17354
P 5425	IR 4-2 / IAC 165	COLOMBIA 1 / CICA 8
P 5426	IR 4-2 / IAC 165	IR 4568-225-3-2/ SUKOKO
P 5427	TOX 1011-4-1 / PELITA 1/1	IR 4-2 / IAC 165
P 5428	IR 4-2 / IRAT 13	COLOMBIA 1/ TOX 1011-4-1
P 5429	IR 4-2 / IRAT 13	COLOMBIA 1 / CR 1113
P 5430	IR 4-2 / IRAT 13	COLOMBIA 1 / 17354
P 5431	TOX 1011-4-1 / PELITA 1/1	IR 4-2 / IRAT 13
P 5432	IR 4-2 / CEYSVONI	COLOMBIA 1 / 5685
P 5433	IR 4-2 / CEYSVONI	COLOMBIA 1/ TOX 1011-4-1
P 5434	IR 4-2 / CEYSVONI	CR 1113 / IRAT 122
P 5435	CAROLINO / IAC 165	COLOMBIA 1/ TOX 1011-4-1
P 5436	CR 1113 / IRAT 122	CAROLINO / IAC 165
P 5437	TOX 503-1-52 / PELITA 1/1	CAROLINO / IAC 165
P 5438	CAROLINO / TOX 1785-14-78	COLOMBIA 1 / 17354
P 5439	COLOMBIA 1 / IR 4-2	CAROLINO/ TOX 1785-19-18
P 5440	CAROLINO / B6402-4	COLOMBIA 1 / 17354
P 5441	CEYSVONI / BBT 50	COLOMBIA 1 / CICA 8
P 5442	TOX 1011-4-1 / PELITA 1/1	CEYSVONI / BBT 50
P 5443	5685 / TOX 1011-4-1	CEYSVONI / IRAT 122
P 5444	TOX 1011-4-1 / SUKOKO	CEYSVONI / IRAT 122
P 5445	TOX 503-1-52 / SUKOKO	CEYSVONI / IRAT 122
P 5446	TOX 1011-4-1 / 11643	CEYSVONI / IRAT 122
P 5447	5685 / TOX 1011-4-1	COLOMBIA 1 / CICA 8
P 5448	5685 / TOX 1011-4-1	COLOMBIA 1 / CR 1113
P 5449	5685 / TOX 1011-4-1	COLOMBIA 1/ TOX 1011-4-1
P 5450	5685 / TOX 1011-4-1	COLOMBIA 1/17354

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 5451	5685 / TOX 1011-4-1	CR 1113 / IRAT 122
P 5452	TOX 1011-4-1 / PELITA 1/1	5685 / TOX 1011-4-1
P 5453	CR 1113	IR 1529-430-3 / AZUCENA
P 5454	CR 1113	IR 1529-430-3 / IAC 25
P 5455	CR 1113	6850 / BG 402-4
P 5456	CR 1113	CR 1113 / IR 1529-430
P 5457	CR 1113	CEYSVONI / RUSTIC
P 5458	CR 1113	16863 / BG 402-4
P 5459	CR 1113	CR 1113 / CICA 4
P 5460	17406	CR 1113 / CICA 8
P 5461	17406	CR 1113 / CEYSVONI
P 5462	BG 90-2 / IAC 164	17431
P 5463	CR 1113	5006 / 6850
P 5464	CR 1113	2476 / 5685
P 5465	CHIANGUNG 242	SUAKOKO
P 5466	CHIANGUNG 242	5728
P 5467	CHIANGUNG 242	6850
P 5468	CHIANGUNG 242	17388
P 5469	CHIANGUNG 242	17327
P 5470	CHIANGUNG 242	16439
P 5471	CHIANGUNG 242	19934
P 5472	CHIANGUNG 242	5869
P 5473	CHIANGUNG 242	15843
P 5474	CHIANGUNG 242	TOX 1011-4-1
P 5475	CHIANGUNG 242	CICA 7
P 5476	KACHSUNG 139	5728
P 5477	KACHSUNG 139	SUAKOKO
P 5478	KACHSUNG 139	17406
P 5479	KACHSUNG 139	7153
P 5480	KACHSUNG 139	17355
P 5481	KACHSUNG 139	5738
P 5482	KACHSUNG 139	6850
P 5483	KACHSUNG 139	CICA 7
P 5484	KACHSUNG 139	5685
P 5485	KACHSUNG 139	18452
P 5486	TAINUNG 67	5685
P 5487	TAINUNG 67	SUAKOKO
P 5488	TAINUNG 67	17327
P 5489	TAINUNG 67	16438
P 5490	TAINUNG 67	TOX 1011-4-1
P 5491	TAINUNG 67	17388
P 5492	TAINUNG 67	5728
P 5493	TAINUNG 67	5869
P 5494	TAINUNG 67	11643
P 5495	TAINUNG 67	18420
P 5496	TAINUNG 67	METICA 1
P 5497	CHIANGUNG 242	MONOLAYA
P 5498	CHIANGUNG 242	5685
P 5499	CHIANGUNG 242	TOX 503-1-52-1
P 5500	CHIANGUNG 242	IAC 164

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 5501	CHIANG 242	METICA 1
P 5502	CHIANG 242	11744
P 5503	CHIANG 242	IRAT 125
P 5504	KACHSIUNG 139	TOX 503-1-52-1
P 5505	KACHSIUNG 139	IAC 164
P 5506	KACHSIUNG 139	11643
P 5507	KACHSIUNG 139	IRAT 125
P 5508	KACHSIUNG 139	CR 1113
P 5509	KACHSIUNG 139	MONOLAYA
P 5510	TAINUNG 67	TOX 503-1-52-1
P 5511	TAINUNG 67	IAC 164
P 5512	TAINUNG 67	IAC 67
P 5513	TAINUNG 67	IRAT 125
P 5514	TAINUNG 67	CR 1113
P 5515	TAINUNG 67	MONOLAYA
P 5516	TAINUNG 67	TOX 1785-19-18
P 5517	TAINUNG 67	CICA 8
P 5518	TAINUNG 67	CR 1113
P 5519	TAINUNG 67	IR 5
P 5520	TAINUNG 67	IR 5
P 5521	CICA 8	ICA-10
P 5522	11744	IRAT 120
P 5523	KACHSIUNG 180	IR 5
P 5524	KACHSIUNG 180	17354
P 5525	KACHSIUNG 180	CICA 8
P 5526	KACHSIUNG 180	19953
P 5527	CR 1113	METICA 1
P 5528	IR 4568-225-3-2	IAC 164
P 5529	IR 4568-225-3-2	IR 1529-430-3
P 5530	IR 4422-480-2-3-3	CARDINO
P 5531	TOX 503-1-52	5869
P 5532	TOX 503-1-52	P2030F4235-18-18
P 5533	IAC 164	COLOMBIA 1
P 5534	O.S.6 MUTANTE	MONOLAYA
P 5535	KACHSIUNG 180	TOX 1011-4-1
P 5536	KACHSIUNG 180	17327
P 5537	26481	COLOMBIA 1
P 5538	25651	COLOMBIA 1
P 5539	25589	COLOMBIA 1
P 5540	25592	COLOMBIA 1
P 5541	16497	COLOMBIA 1
P 5542	TOX 504-26-109-1	11643
P 5543	TOX 504-26-109-1-1-P	11744
P 5544	TOX 500-1-112-1	11744
P 5545	TOX 95	11643
P 5546	IRAT 124	METICA 1
P 5547	25969	IRAT 122
P 5548	IRAT 121	26201
P 5549	IRAT 120	METICA 1
P 5550	IRAT 120	26235

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 5551	IR 46	IRAT 120
P 5552	26320	IRAT 120
P 5553	26235	IRAT 120
P 5554	26230	IRAT 120
P 5555	26221	IRAT 120
P 5556	25592	IRAT 120
P 5557	25589	IRAT 120
P 5558	25453	IRAT 120
P 5559	24045	IRAT 120
P 5560	23916	IRAT 120
P 5561	16404	IRAT 120
P 5562	CR 1113	IR 11248-148-3-2-3-3
P 5563	IR 4568-225-3-2	IRAT 13
P 5564	IR 4568-225-3-2	IRAT 10
P 5565	SUAYDKO	17637
P 5566	KAOHSIUNG 180	5738
P 5567	2476	5738
P 5568	17631	6850
P 5569	17431	5728
P 5570	TOX 503-1-52	5685
P 5571	19934	6850
P 5572	TOX 1011-4-1	P2030F4235-1B-1B
P 5573	DICA 7	ICA 10
P 5574	IR 5 / CAMPONI	COLOMBIA 1 / IR 4-2
P 5575	IR 5 / CAMPONI	CEYSVONI / IRAT 13
P 5576	IR 5 / CR 1113	COLOMBIA 1 / 17354
P 5577	IR 5 / TOX 1010-45-1-1	COLOMBIA 1 / 5685
P 5578	IR 5 / TOX 1010-45-1-1	COLOMBIA 1 / 17354
P 5579	IR5 / IR 1529-430	COLOMBIA 1 / 17354
P 5580	IR5 / IR 1529-430	COLOMBIA 1 / CR 1113
P 5581	IR5 / IR 1529-430	COLOMBIA 1 / 5685
P 5582	IR 5 / INIAP 415	CR 1113 / IRAT 122
P 5583	IR 4-2 / IRAT 13	COLOMBIA 1 / 5685
P 5584	CAROLINO / IAC 165	COLOMBIA 1 / 5685
P 5585	CAROLINO / IRAT 13	COLOMBIA 1 / 5685
P 5586	CAROLINO / IRAT 13	COLOMBIA 1 / 17354
P 5587	CAROLINO / IRAT 13	COLOMBIA 1 / TOX 1011-4-1
P 5588	CAROLINO / TOX 1785-19-78	COLOMBIA 1 / CR1113
P 5589	CAROLINO / TOX 1785-19-78	COLOMBIA 1 / TOX 1011-4-1
P 5590	CAROLINO / BG 402-4	COLOMBIA 1 / TOX 1011-4-1
P 5591	CAROLINO / BG 402-4	COLOMBIA 1 / IR 4-2
P 5592	CAROLINO / BG 402-4	5738 / PELITA 1/1
P 5593	COLOMBIA 1 / TOX 1011-4/1	CAROLINO / BBT 50
P 5594	COLOMBIA 1 / 5685	CAROLINO / BBT 50
P 5595	COLOMBIA 1 / 17354	CAROLINO / BBT 50
P 5596	COLOMBIA 1 / IR 4-2	CAROLINO / BBT 50
P 5597	5738 / PELITA 1/1	CAROLINO / BBT 50
P 5598	CEYSVONI / CR 1113	CAROLINO / BBT 50
P 5599	CEYSVONI / BBT 50	COLOMBIA 1 / IR 4-2
P 5600	COLOMBIA 1 / 5685	IR 4-2 / CAROLINO

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
P 5601	IR 4-2 / CEYSVONI	COLOMBIA 1 / 17354
P 5602	5738 / SUAKOKO	CEYSVONI / IRAT 22
P 5603	CARDLINO / BS402-4	COLOMBIA 1 / CR 1113
P 5604	CEYSVONI / BBT 50	COLOMBIA 1 / 17354
P 5605	TOX 1011-4-1 / PELITA 1/1	IR 4-2 / CARDLINO
P 5606	IR 5/ IR 1529-430	COLOMBIA 1 / 17354
P 5607	COL 1 / MS12A	IRAT 124
P 5608	CAMPONI	IRAT 120
P 5609	NGOVIE	TAIPEI 309
P 5610	CAMPONI	COL 1 / MS12A
P 5611	TOX 1780	IRAT 124
P 5612	IRAT 120	TOX 504-26-109-1
P 5613	CAMPONI	IRAT 124
P 5614	NGOVIE	IRAT 124
P 5615	TOX 95-M	IRAT 124
P 5616	IRAT 124	TETEP
P 5617	NGOVIE	COLOMBIA 1
P 5618	IRAT 120	KHAILD * IR 8

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 5619	IRAT 121	KHAOLO * 1R 8
CT 5620	KHAOLO * 1R 8	IRAT 124
CT 5621	COLOMBIA 1	KHAOLO * 1R 8
CT 5622	DEYSVONI	KHAOLO * 1R 8
CT 5623	IRAT 120	TOX 1011-4-1
CT 5624	IRAT 121	TOX 1011-4-1
CT 5625	IRAT 124	TOX 1011-4-1
CT 5626	IRAT 120	TOX 1011-4-1
CT 5627	IRAT 121	TOX 1011-4-2
CT 5628	IRAT 124	TOX 1011-4-2
CT 5629	IRAT 124	TOX 718-AL-11-1CM-1JU
CT 5630	TOX 718-1-23	COLOMBIA 1
CT 5631	DEYSVONI	TOX 718-1-23
CT 5632	TOX 718-AL-11-1CM-1JU	IRAT 120
CT 5633	TOX 1010-45-1	COL 1 * M312A
CT 5634	TOX 1010-45-1	COLOMBIA 1
CT 5635	TOX 1010-49-1	IRAT 121
CT 5636	IRAT 120	BL 562-2
CT 5637	COLOMBIA 1	BL 562-2
CT 5638	IRAT 120	RHS-107
CT 5639	IRAT 121	RHS-107
CT 5640	DEYSVONI	RHS-107
CT 5641	IRAT 120	IRAT 110
CT 5642	IRAT 121	IRAT 110
CT 5643	IRAT 124	IRAT 110
CT 5644	IRAT 120	IRAT 112
CT 5645	COLOMBIA 1	IRAT 112
CT 5646	17100	IRAT 112
CT 5647	IRAT 112	IRAT 124
CT 5648	TOX 1785-19-1B	IRAT 120
CT 5649	TOX 1785-19-1B	IRAT 124
CT 5650	DEYSVONI	IRAT 121
CT 5651	DEYSVONI	COL 1 * M312A
CT 5652	IRAT 121	IAC 1246
CT 5653	IRAT 121	IRAT 133
CT 5654	COLOMBIA 1	IRAT 124
CT 5655	IRAT 124	CI 9122*REKORD
CT 5656	17100	IRAT 110
CT 5657	TOX 718-1-23	IRAT 121
CT 5658	MAKALIDKA 34	IRAT 120
CT 5659	IRAT 120	IAC 165
CT 5660	IRAT 122	NEOVIE
CT 5661	IRAT 124	IAC 165
CT 5662	TOX 500-1-112-1	DIMANI
CT 5663	IAC 47	IRAT 120
CT 5664	IRAT 122	IAC 47
CT 5665	TOX 1010-45-1	IRAT 122
CT 5666	TOX 1369-18-1	COLOMBIA 1
CT 5667	IRAT 120	TOX 500-1-112
CT 5668	IR 5/BLUEBONNETT 50	COLOMBIA 1/CICA 8

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 5669	IR 5/BLEUBONNET 50	COLOMBIA 1/5685
CT 5670	IR 5/BLEUBONNET 50	COLOMBIA 1/CR 1113
CT 5671	IR 5/BLEUBONNET 50	COLOMBIA 1/TOX 1011-4-1
CT 5672	IR 5/BLEUBONNET 50	COLOMBIA 1/IR 4-2
CT 5673	IR 5/BLEUBONNET 50	COLOMBIA 1/17354
CT 5674	IR 5/CAMPONI	KACHSIUNG 180/TOX 503-1-52
CT 5675	IR 5/CAMPONI	6850/KACHSIUNG 180
CT 5676	IR 5/CAMPONI	CR 1113/KACHSIUNG 180
CT 5677	IR 5/IAC 164	5738/PELITA 1/1
CT 5678	IR 5/IAC 164	KACHSIUNG 180/TOX 503-1-52
CT 5679	IR 5/CR 1113	CEYSVONI/IRAT 122
CT 5680	IR 5/CR 1113	COLOMBIA 1/TOX 1011-4-1
CT 5681	IR 5/CR 1113	TOX 1011-4-1/PELITA 1/1
CT 5682	IR 5/CR 1113	KACHSIUNG 180/TOX 503-1-52
CT 5683	IR 5/TOX 1010-45-1-1	CR 1113/KACHSIUNG 180
CT 5684	IR 5/TOX 1010-45-1-1	KACHSIUNG 180/TOX 503-1-52
CT 5685	IR 5/IR 1529-430-3	CR 1113/KACHSIUNG 180
CT 5686	IR 5/IR 1529-430-3	5738/PELITA 1/1
CT 5687	IR 5/O.S.6	COLOMBIA 1/CR 1113
CT 5688	IR 5/O.S.6	COLOMBIA 1/5685
CT 5689	IR 5/O.S.6	5738/PELITA 1/1
CT 5690	IR 5/INIAP 415	COLOMBIA 1/5685
CT 5691	IR 5/INIAP 415	TOX 503-1-52/PELITA 1/1
CT 5692	IR 5/INIAP 415	5738/PELITA 1/1
CT 5693	IR 5/INIAP 415	CR 1113/KACHSIUNG 180
CT 5694	IR 5/INIAP 415	KACHSIUNG 180/TOX 503-1-52
CT 5695	CR 1113/IRAT 122	IR 5/BLEUBONNET 50
CT 5696	KACHSIUNG 180/TOX 503-1-52	IR 5/BLEUBONNET 50
CT 5697	CR 1113/KACHSIUNG 180	IR 5/BLEUBONNET 50
CT 5698	CEYSVONI/IRAT 122	IR 5/BLEUBONNET 50
CT 5699	IR 4-2/IAC 165	CEYSVONI/IRAT 122
CT 5700	IR 4-2/IAC 165	KACHSIUNG 180/TOX 503-1-52
CT 5701	IR 4-2/CAROLIND	COLOMBIA 1/TOX 1011-4-1
CT 5702	IR 4-2/CAROLIND	COLOMBIA 1/17354
CT 5703	CEYSVONI/IRAT 122	IR 4-2/CAROLIND
CT 5704	IR 4-2/IRAT 13	CEYSVONI/IRAT 122
CT 5705	IR 4-2/IRAT 13	KACHSIUNG 180/TOX 503-1-52
CT 5706	IR 4-2/CEYSVONI	5728/KACHSIUNG 180
CT 5707	IR 4-2/CEYSVONI	KACHSIUNG 180/TOX 503-1-52
CT 5708	IR 4-2/CEYSVONI	TOX 503-1-52/PELITA 1/1
CT 5709	IR 4-2/CEYSVONI	TOX 1011-4-1/PELITA 1/1
CT 5710	CAROLIND/IAC 165 ↓ IAC 164 ?	COLOMBIA 1/17354
CT 5711	CEYSVONI/IRAT 122	CAROLIND/IAC 165
CT 5712	KACHSIUNG 180/TOX 503-1-52	CAROLIND/IAC 165
CT 5713	TOX 1011-4-1/PELITA 1/1	CAROLIND/IAC 165
CT 5714	CR 1113/IRAT 122	CAROLIND/IRAT 13
CT 5715	CEYSVONI/IRAT 122	CAROLIND/IRAT 13
CT 5716	KACHSIUNG 180/TOX 503-1-52	CAROLIND/IRAT 13
CT 5717	TOX 1011-4-1/PELITA 1/1	CAROLIND/IRAT 13
CT 5718	CEYSVONI/IRAT 122	CAROLIND/TOX 1785-19-18

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 5719	CR 1113/IRAT 122	CAROLIND/TOX 1785-19-18
CT 5720	TOX 503-1-52/PELITA 1/1	CAROLIND/TOX 1785-19-18
CT 5721	TOX 1011-4-1/PELITA 1/1	CAROLIND/TOX 1785-19-18
CT 5722	COLOMBIA 1/5685	CAROLIND/BG 402-4
CT 5723	CAROLIND/BG 402-4	KAOHSIUNG 180/TOX 503-1-52
CT 5724	CR 1113/KAOHSIUNG 180	CAROLIND/BG 402-4
CT 5725	5728/KAOHSIUNG 180	CAROLIND/BG 402-4
CT 5726	TOX 503-1-52/PELITA 1/1	CAROLIND/BG 402-4
CT 5727	TOX 1011-4-1/PELITA 1/1	CAROLIND/BG 402-4
CT 5728	5738/KAOHSIUNG 180	CAROLIND/BLUEBONNET 50
CT 5729	TOX 1011-4-1/PELITA 1/1	CAROLIND/BLUEBONNET 50
CT 5730	CEYSVONI/BLUEBONNET 50	COLOMBIA 1/CICA 8
CT 5731	CR 1113/IRAT 122	CEYSVONI/BLUEBONNET 50
CT 5732	CEYSVONI/BLUEBONNET 50	5738/PELITA 1/1
CT 5733	CEYSVONI/IRAT 122	COLOMBIA 1/5685
CT 5734	CEYSVONI/IRAT 122	COLOMBIA 1/IR 4-2
CT 5735	CEYSVONI/IRAT 122	COLOMBIA 1/17354
CT 5736	CEYSVONI/IRAT 122	KAOHSIUNG 180/TOX 503-1-52
CT 5737	TOX 503-1-52/PELITA 1/1	CEYSVONI/IRAT 122
CT 5738	CEYSVONI/IRAT 122	CR 1113/IR 1529-430-3
CT 5739	5685/TOX 1011-4-1	KAOHSIUNG 180/TOX 503-1-52
CT 5740	5685/TOX 1011-4-1	6850/KAOHSIUNG 180
CT 5741	5685/TOX 1011-4-1	5728/KAOHSIUNG 180
CT 5742	5685/TOX 1011-4-1	5728/KAOHSIUNG 180
CT 5743	5685/TOX 1011-4-1	COLOMBIA 1/5685
CT 5744	RENAOJA	TOX 1011-4-1
CT 5745	COLOMBIA 1 / 5685/5685	11643 (ORYZICA 2)
CT 5746	COLOMBIA 1 / 5685/5685	CAMPECHE A 80
CT 5747	COLOMBIA 1 / 5685/5685	17396
CT 5748	COLOMBIA 1 / 5685/5685	23925
CT 5749	COLOMBIA 1 / 5685/5685	IR 6023-10-1-1
CT 5750	COLOMBIA 1 / 5685/5685	18420
CT 5751	COLOMBIA 1 / 5685/5685	CEYSVONI
CT 5752	COLOMBIA 1 / 5685/5685	IRAT 120
CT 5753	COLOMBIA 1 / 5685/5685	IRAT 122
CT 5754	TAICHUNG 176 / 5685/5685	5685
CT 5755	TAICHUNG 176 / 5685/5685	11643 (ORYZICA 2)
CT 5756	TAICHUNG 176 / 5685/5685	CAMPECHE A 80
CT 5757	TAICHUNG 176 / 5685/5685	IR 6023-10-1-1
CT 5758	TAICHUNG 176 / 5685/5685	18420
CT 5759	TAICHUNG 176 / 5685/5685	IRAT 120
CT 5760	TAICHUNG 176 / 5685/5685	IRAT 122
CT 5761	TAICHUNG 176 / 5685/5685	CR 1113/COLOMBIA 1
CT 5762	TAICHUNG 176 / 5685/5685	CAROLIND/BLUEBONNET 50
CT 5763	TAICHUNG 176 / 5685/5685	COLOMBIA 1/CICA 8
CT 5764	COLOMBIA 1/5685	CAROLIND/IAC 165
CT 5765	CICA 9	CICA 4
CT 5766	CICA 7	CICA 4
CT 5767	CICA 8	CICA 4
CT 5768	ORYZICA 1	CICA 4

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 5769	5685	CICA 4
CT 5770	IR 52	CICA 4
CT 5771	METICA 1	CICA 4
CT 5772	CEYSVONI	CICA 4
CT 5773	CICA 4	IAC 47
CT 5774	CICA 4	IAC 165
CT 5775	CICA 4	COLOMBIA 1
CT 5776	TETEP	CICA 4
CT 5777	MROBEREKAN	CICA 4
CT 5778	K B	CICA 4
CT 5779	IRAT 10	CICA 4
CT 5780	FANNY	CICA 4
CT 5781	IR 22	FANNY
CT 5782	IRAT 13	FANNY
CT 5783	IR 22	CICA 4
CT 5784	TOX 1011-4-1	CICA 4
CT 5785	TOX 503-1-52/PELITA 1/1	CAROLIND/IAC 165
CT 5786	CEYSVONI/IRAT 122	IR 4-2/CEYSVONI
CT 5787	IR 5/IAC 164	COLOMBIA 1/IR 4-2
CT 5788	CEYSVONI/BLUEBONNET 50	COLOMBIA 1/17354
CT 5789	IR 5/O.S.6	COLOMBIA 1/TOX 1011-4-1
CT 5790	CEYSVONI/BLUEBONNET 50	COLOMBIA 1/5685
CT 5791	IR 5/TOX 1010-45-1	5738/PELITA 1/1
CT 5792	IR 4-2/CAROLIND	5685/KAOHSIUNG 180
CT 5793	5728/KAOHSIUNG 180	IR 5/CANFONI
CT 5794	IR 5/O.S.6	COLOMBIA 1/TOX 1011-4-1
CT 5795	IR 4-2/IAC 165	5738/PELITA 1/1
CT 5796	IR 4-2/IAC 165	6850/KAOHSIUNG 180
CT 5797	CAROLIND/IRAT 13	5738/PELITA 1/1
CT 5798	CAROLIND/TOX 1785-19-18	COLOMBIA 1/5685
CT 5799	CR 1113/ANAYANSI	11643 (ORYZICA 2)
CT 5800	CR 1113/ANAYANSI	5738 (ORYZICA 1)
CT 5801	CR 1113/ANAYANSI	CR 1113/BG 402-4 / COL 1
CT 5802	CR 1113/ANAYANSI	COLOMBIA 1/5685
CT 5803	CR 1113/DAMARIS	COLOMBIA 1/5685
CT 5804	CR 1113/DAMARIS	CR 1113/BG 402-4 / COL 1
CT 5805	CR 1113/DAMARIS	11643
CT 5806	CR 1113/DAMARIS	5728
CT 5807	CR 1113/DAMARIS	5738 (ORYZICA 1)
CT 5808	CR 1113/MNDOLAYA	18467
CT 5809	CR 1113/CEYSVONI	18467
CT 5810	CR 1113/IRAT B	18467
CT 5811	CR 1113/IRAT B	CININTI
CT 5812	CR 1113/TOX 728-2	17406
CT 5813	CR 1113/BG 402-4	11744
CT 5814	CR 1113/IRAT B	11744
CT 5815	CR 1113/IAC 164	11744
CT 5816	11744	CR 1113/IR 1529-430
CT 5817	CR 1113/BG 402-4	CR 1113
CT 5818	2476/CEYSVONI	CR 1113

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 5819	IR 1920/CIDA 7	CR 1113
CT 5820	DAMN/IR 1529-430	CR 1113
CT 5821	RUSTIC/3250	CR 1113
CT 5822	CR 1113/METICA 1	METICA 1
CT 5823	CR 1113/METICA 1	CR 1113
CT 5824	CR 1113/MONOLAYA	17347
CT 5825	CR 1113/IR 1529-430	17347
CT 5826	CR 1113/BG 402-4	17347
CT 5827	CR 1113/CEYSVONI	17433
CT 5828	CR 1113/IRAT B	17433
CT 5829	CR 1113/BG 402-4	17433
ET 5830	BG 90-2/COSTA RICA	IR 4-2
CT 5831	5685/TAIPEI 309	11643
CT 5832	5685/TAIPEI 309	5685
CT 5833	11373/TAIPEI 309	18467
CT 5834	11373/TAIPEI 309	5738
CT 5835	11373/TAIPEI 309	5685
CT 5836	11373/TAIPEI 309	11744
CT 5837	11373/TAIPEI 309	17388
CT 5838	11219/TAICHUNG 176	CAMPECHE A 80
CT 5839	17388	5685/COLOMBIA 1
CT 5840	17406	5685/COLOMBIA 1
CT 5841	11744	5685/COLOMBIA 1
CT 5842	11643	5685/COLOMBIA 1
CT 5843	16497	11219/COLOMBIA 1
CT 5844	11292	11292/COLOMBIA 1
CT 5845	17388	11295/COLOMBIA 1
CT 5846	16497	11295/COLOMBIA 1
CT 5847	11643	11295/COLOMBIA 1
CT 5848	11744	11295/COLOMBIA 1
CT 5849	11744	11373/COLOMBIA 1
CT 5850	17406	11295/COLOMBIA 1
CT 5851	16497	11373/COLOMBIA 1
CT 5852	11643	11373/COLOMBIA 1
CT 5853	17361	17361/COLOMBIA 1
CT 5854	17433	CR 1113/IR 1529-430
CT 5855	P2030F4-235-1B-1B	SEINTA LAY
CT 5856	P2030F4-235-1B-1B	DOURADO PRECOCE
CT 5857	P2030F4-235-1B-1B	TOX 1010-45-1-1
CT 5858	P2030F4-235-1B-1B	INA MOND
CT 5859	P2030F4-235-1B-1B	EMBARRENADO
CT 5860	UPL R1-3	TOX 503-1-52-1
CT 5861	UPL R1-3	SEINTA LAY
CT 5862	UPL R1-3	INC 164
CT 5863	UPL R1-3	DOURADO PRECOCE
CT 5864	UPL R1-3	TOX 1010-45-1-1
CT 5865	UPL R1-3	INA MOND
CT 5866	UPL R1-3	EMBARRENADO
CT 5867	REMAJTA	TOX 1011-4-1
CT 5868	REMAJTA	TOX 503-1-52-1

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 5869	REMAJJA	TOX 1010-45-1-1
CT 5870	REMAJJA	IAC 164
CT 5871	REMAJJA	SEINTA LAY
CT 5872	IR 5929-12-3	TOX 1011-4-1
CT 5873	IR 5929-12-3	TOX 503-1-52-1
CT 5874	IR 5929-12-3	TOX 1010-45-1-1
CT 5875	IR 5929-12-3	IAC 164
CT 5876	IR 5929-12-3	SEINTA LAY
CT 5877	IR 5929-12-3	IAC 165
CT 5878	IR 5929-12-3	NGOVIE
CT 5879	IR 5929-12-3	CAROLIND
CT 5880	IR 5929-12-3	O.S.6
CT 5881	TOX 1010-45-1	IRAT 122
CT 5882	CAMPECHE A B0	IR 6023-10-1-1 ó TOX 1011-4-1/IRAT 122
CT 5883	TOX 1011-4-1	IRAT 123
CT 5884	TOX 1011-4-1	IRAT 122
CT 5885	TOX 95-M	IRAT 120
CT 5886	TOX 95-M	IRAT 123
CT 5887	TOX 95-M	COLOMBIA 1
CT 5888	TOX 1780-5-7	IRAT 120
CT 5889	TOX 1780-5-7	COLOMBIA 1
CT 5890	UPL-RI-3	TOX 1011-4-1
CT 5891	BL 562-2	IRAT 122
CT 5892	7152	IAC 164
CT 5893	CIMINI	IR 11452-
CT 5894	NGOVIE	IRAT 120
CT 5895	TOX 1369-18-1	IRAT 120
CT 5896	TOX 1369-18-1	IRAT 122
CT 5897	TOX 1369-18-1	COLOMBIA 1
CT 5898	IR 6023-10-1-1	IRAT 120
CT 5899	IR 6023-10-1-1	TOX 1369-18-1
ET 5900	IR 6023-10-1-1	NGOVIE
CT 5901	IR 5	CEYSVONI
CT 5902	IR 5	IRAT 10
CT 5903	IR 5	IRAT 13
ET 5904	IR 5	CICA 7
CT 5905	IR 5	MONOLAYA
CT 5906	IR 4-2	IAC 164
CT 5907	IR 4-2	IRAT 10
CT 5908	IR 4-2	O.S.6
CT 5909	CAROLIND	IRAT 10
CT 5910	CAROLIND	IRAT 122
CT 5911	CAROLIND	CR 1113
CT 5912	CEYSVONI	BLUEBONNET 50
CT 5913	MONOLAYA	IR 11-452
CT 5914	MONOLAYA	CICA 7
CT 5915	MIRAMOND	RUSTIC
CT 5916	CR 1113	DANN/IR 1529-430
CT 5917	CR 1113	CR 1113/IR 1529-430
CT 5918	TOX 503-1-52/PELITA 1/1	IR 4-2/IRAT 13

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 5919	IR 4-2/CEYSVONI	COLOMBIA 1/17354
CT 5920	CEYSVONI/IAC 25	IR 4-2
CT 5921	IR 9575/MIRAMOND	IAC 165
CT 5922	IR 9575/MIRAMOND	IRAT 10
CT 5923	IR 1529-430/MIRAMOND	IRAT 10
CT 5924	IR 9575/MIRAMOND	IRAT 13
CT 5925	IR 1529-430/MIRAMOND	IRAT 13
CT 5926	CR 1113/CICA 8	CININI
CT 5927	CR 1113/TOX 728-2	11744
CT 5928	CR 1113/CICA 8	11744
CT 5929	CR 1113/RENADJA	17406
CT 5930	CR 1113/CICA 8	17433
CT 5931	CR 1113/CAMPONT	18467
CT 5932	CR 1113/TOX 728-2	18467
CT 5933	CR 1113/IAC 164	18467
CT 5934	CR 1113/CICA 8	18467
CT 5935	IR 4-2/IAC 165	5738/PELITA 1/1
CT 5936	TOX 503-1-52/PELITA 1/1	IR 5/CR 1113
CT 5937	IR 5/INIAP 415	COLOMBIA 1/5685
CT 5938	IR 5/D.S.6	COLOMBIA 1/5685
CT 5939	CR 1113/KACHSTUNG 180	CAROLIND/86 402-4
CT 5940	TOX 1011-4-1/PELITA 1/1	IR 5/TOX 1010-45-1-1
CT 5941	IR 5/INIAP 415	5685/TOX 1011-4-1
CT 5942	11373/COLOMBIA 1	CR 1113
CT 5943	19959/TAICHUNG 176	17406
CT 5944	17347	17361/TAICHUNG 176
CT 5945	19950/TAICHUNG 176	19953
CT 5946	ELONI	IR 1529-430-3
CT 5947	19959/TAIPEI 309	17406
CT 5948	19953/TAIPEI 309	19953
CT 5949	19953/COLOMBIA 1	19953
CT 5950	CICA 8	IAC 164
CT 5951	METICA 1	IAC 164
CT 5952	IR 5	IRAT 120
CT 5953	17361/COLOMBIA 1	17347
CT 5954	19959/COLOMBIA 1	17406
CT 5955	7152	COLOMBIA 1
CT 5956	11295/COLOMBIA 1	5685
CT 5957	11219/COLOMBIA 1	5685
CT 5958	11373/TAIPEI 309	17406
CT 5959	11373/COLOMBIA 1	17388
CT 5960	19953/TAICHUNG 176	19953
CT 5961	11373/TAIPEI 309	11643
CT 5962	5685/TAICHUNG 176	17388
CT 5963	5728	PICO NEGRO
CT 5964	IR 6023-10-1-1	5685
CT 5965	CAMPECHE A80	IR 6023-10-1-1
CT 5966	11643	PICO NEGRO
CT 5967	IR 6023-10-1-1	PICO NEGRO
CT 5968	5738	PICO NEGRO

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 5969	5685	PICO NEGRO
CT 5970	CICA 8	PICO NEGRO
CT 5971	CR 1113	PICO NEGRO
CT 5972	18420	PICO NEGRO
CT 5973	BG 402-4	PICO NEGRO
CT 5974	11292	IRAT 120
CT 5975	11295	IRAT 120
CT 5976	11373	IRAT 120
CT 5977	19959	IRAT 120
CT 5978	19950	IRAT 120
CT 5979	19953	IRAT 120
CT 5980	19965	IRAT 120
CT 5981	16280	IRAT 120
CT 5982	17361	IRAT 120
CT 5983	11292	IRAT 121
CT 5984	11295	IRAT 121
CT 5985	11373	IRAT 121
CT 5986	19959	IRAT 121
CT 5987	19950	IRAT 121
CT 5988	19953	IRAT 121
CT 5989	19970	IRAT 121
CT 5990	11219	IRAT 121
CT 5991	19965	IRAT 121
CT 5992	16267	IRAT 121
CT 5993	16280	IRAT 121
CT 5994	17361	IRAT 121
CT 5995	11373	IRAT 122
CT 5996	19959	IRAT 122
CT 5997	19950	IRAT 122
CT 5998	19953	IRAT 122
CT 5999	19970	IRAT 122
CT 6000	19965	IRAT 122
CT 6001	16267	IRAT 122
CT 6002	16280	IRAT 122
CT 6003	17361	IRAT 122
CT 6004	11219	IRAT 124
CT 6005	11292	IRAT 124
CT 6006	11295	IRAT 124
CT 6007	11373	IRAT 124
CT 6008	19959	IRAT 124
CT 6009	19950	IRAT 124
CT 6010	19953	IRAT 124
CT 6011	19970	IRAT 124
CT 6012	16267	IRAT 124
CT 6013	16280	IRAT 124
CT 6014	17361	IRAT 124
CT 6015	11292	IRAT 124
CT 6016	25589/COLUMBIA 1	11643
CT 6017	11295/TAIPEI 309	11643
CT 6018	11219/TAICHUNG 176	11292

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6019	11373/COLOMBIA 1	17406
CT 6020	CT674	IR21015-72-3-3-3-1
CT 6021	11219/TAIPEI 309	11643
CT 6022	11373/COLOMBIA 1	18467
CT 6023	16267/TAIPEI 309	16252
CT 6024	11219/TAICHUNG 176	11643
CT 6025	25589/COLOMBIA 1	16252
CT 6026	19950/TAIPEI 309	19953
CT 6027	11219/TAIPEI 309	11292
CT 6028	5685/TAIPEI 309	16497
CT 6029	11295/TAIPEI 309	5685
CT 6030	16497/COLOMBIA 1	25556
CT 6031	11295/TAIPEI 309	17406
CT 6032	11373/COLOMBIA 1	CAMPECHE 80
CT 6033	19965/TAIPEI 309	19947
CT 6034	11219/TAIPEI 309	17406
CT 6035	11219/COLOMBIA 1	11643
CT 6036	25592/IRAT 120	METICA 1
CT 6037	19965/TAICHUNG 176	19947
CT 6038	11295/TAIPEI 309	18467
CT 6039	11373/COLOMBIA 1	5685
CT 6040	19965/COLOMBIA 1	19947
CT 6041	11295/TAIPEI 309	17388
CT 6042	19701/TAICHUNG 176	19947
CT 6043	11295/TAIPEI 309	16497
CT 6044	11292/TAIPEI 309	11292
CT 6045	IRAT 120/METICA 1	23916
CT 6046	26320/IRAT 120	TDX 1011-4-1
CT 6047	IR 46/IRAT 120	23916
CT 6048	IR 46/IRAT 120	25697
CT 6049	11219/TAIPEI 309	5685
CT 6050	5685/TAIPEI 309	17406
CT 6051	IR 46/IRAT 120	11744
CT 6052	11295/COLOMBIA 1	11292
CT 6053	26221/IRAT 120	11744
CT 6054	11219/COLOMBIA 1	18467
CT 6055	11219/COLOMBIA 1	17406
CT 6056	11950/COLOMBIA 1	19953
CT 6057	16280/COLOMBIA 1	16280
CT 6058	ELONI	RG 375-1
CT 6059	26221/IRAT 120	25536
CT 6060	11219/COLOMBIA 1	11292
CT 6061	11219/TAIPEI 309	18467
CT 6062	19970/COLOMBIA 1	19947
CT 6063	11219/TAICHUNG 176	17388
CT 6064	19953/TAIPEI 309	11643
CT 6065	TDX 504-26-109-1/11744	11373
CT 6066	5685/TAIPEI 309	5738
CT 6067	5685/TAIPEI 309	17388
CT 6068	25592/IRAT 120	5685

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6069	16404/IRAT 120	11643
CT 6070	24045/IRAT 120	5685
CT 6071	IR 46/IRAT 120	25632
CT 6072	26230/IRAT 120	25493
CT 6073	IRAT 121/26201	TOX 1011-4-1
CT 6074	11219/TAIPEI 309	16497
CT 6075	6850/KACHSIUNG 180	COL 1 * M312A/74-2-B-B
CT 6076	11373/TAIPEI 309	16497
CT 6077	11219/TAICHUNG 176	16497
CT 6078	23916/IRAT 120	5728
CT 6079	23916/IRAT 120	17388
CT 6080	11219/TAIPEI 309	5738
CT 6081	11295/TAICHUNG 176	11643
CT 6082	16404/IRAT 120	5685
CT 6083	25592/IRAT 120	5728
CT 6084	26230/IRAT 120	16493
CT 6085	11295/TAICHUNG 176	17388
CT 6086	11295/TAICHUNG 176	16497
CT 6087	KACHSIUNG 180/TOX 503-1-52	BL 562-2
CT 6088	16404/IRAT 120	25638
CT 6089	KACHSIUNG 180/TOX 503-1-52	COL 1 * M312A/74-2-B-B
CT 6090	11219/COLOMBIA 1	CICA B
CT 6091	TOX 504-26-109-1/11643	CAMPECHE A B0
CT 6092	11295/TAICHUNG 176	11292
CT 6093	26481/COLOMBIA 1	11373
CT 6094	5685/TAIPEI 309	18467
CT 6095	IRAT 124/METICA 1	7152
CT 6096	26221/IRAT 120	5685
CT 6097	TOX 1780/IRAT 24	RHS 107-2-1-2TB-1JM
CT 6098	TOX 1780 / IRAT 124	MAKALIDKA
CT 6099	TOX 1780/IRAT 124	KHADLO * IR B
CT 6100	11219/TAICHUNG 176	18467
CT 6101	11219/TAIPEI 309	17388
CT 6102	COLOMBIA 1/TOX1011-4-1	COL 1 * M312A/74-2-B-B
CT 6103	11219/TAIPEI 309	CAMPECHE ABO
CT 6104	25592/IRAT 120	11643
CT 6105	IRAT 120/METICA 1	25651
CT 6106	IRAT 124/METICA 1	BL 562-2
CT 6107	26221/IRAT 120	11643
CT 6108	25592/IRAT 120	16493
CT 6109	16497/COLOMBIA 1	17388
CT 6110	TOX 95/11643	11373
CT 6111	11219/COLOMBIA 1	17388
CT 6112	23916/IRAT 120	CICA B
CT 6113	TOX 95/11643	CICA B
CT 6114	26221/IRAT 120	CAMPECHE A B0
CT 6115	25589/COLOMBIA 1	CAMPECHE A B0
CT 6116	11219/COLOMBIA 1	CAMPECHE A B0
CT 6117	25592/IRAT 120	CR 1113
CT 6118	11219/COLOMBIA 1	CR 1113

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6119	11295/TAIPEI 309	CR 1113
CT 6120	TOX 1780/IRAT 124	TOX 1785-19-18
CT 6121	TOX 95/11643	CAMPECHE A 80
CT 6122	11295/TAIPEI 309	CAMPECHE A 80
CT 6123	16497/COLOMBIA 1	CR 1113
CT 6124	16497/COLOMBIA 1	TOX 95
CT 6125	25592/IRAT 120	TOX 95
CT 6126	25592/COLOMBIA 1	TOX 95
CT 6127	IRAT 120/METICA 1	TOX 95
CT 6128	25589/COLOMBIA 1	TOX 1011-4-1
CT 6129	TOX 1780/IRAT 124	COL 1 / MS12A/74-2-B-B
CT 6130	IRAT 121/26201	CICA B
CT 6131	24045/IRAT 120	BL 562-2
CT 6132	COLOMBIA 1/17354	BL 562-2
CT 6133	11219/COLOMBIA 1	5738
CT 6134	11219/COLOMBIA 1	11744
CT 6135	3250	DEYSVONI
CT 6136	11295/TAIPEI 309	11292
CT 6137	25589/COLOMBIA 1	25702
CT 6138	25589/COLOMBIA 1	11744
CT 6139	25589/COLOMBIA 1	11373
CT 6140	25592/COLOMBIA 1	23916
CT 6141	25592/COLOMBIA 1	11744
CT 6142	25592/COLOMBIA 1	16493
CT 6143	16497/COLOMBIA 1	11643
CT 6144	16497/COLOMBIA 1	25534
CT 6145	IRAT 124/METICA 1	25632
CT 6146	IRAT 120/METICA 1	25493
CT 6147	11219/TAIPEI 309	CICA B
CT 6148	5685/TAICHUNG 176	5738
CT 6149	11373/COLOMBIA 1	5738
CT 6150	25651/COLOMBIA 1	18510
CT 6151	25651/COLOMBIA 1	23916
CT 6152	25651/COLOMBIA 1	25702
CT 6153	25589/COLOMBIA 1	23638
CT 6154	25589/COLOMBIA 1	25493
CT 6155	25552/COLOMBIA 1	18510
CT 6156	TOX 504-26-109-1/11643	CR 1113
CT 6157	IRAT 120/TOX 504-26-109-1	IAC 1246
CT 6158	25969/IRAT 122	15843
CT 6159	25969/IRAT 122	16493
CT 6160	25969/IRAT 122	11744
CT 6161	25969/IRAT 122	5738
CT 6162	25969/IRAT 122	CICA B
CT 6163	IR 46/IRAT 120	5685
CT 6164	26235/IRAT 120	5685
CT 6165	26235/IRAT 120	25493
CT 6166	26230/IRAT 120	5728
CT 6167	26230/IRAT 120	18510
CT 6168	TOX 504-26-109-1/11643	CICA B

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6169	26230/IRAT 120	CICA 8
CT 6170	26221/IRAT 120	CR 1113
CT 6171	25589/IRAT 120	15843
CT 6172	16404/IRAT 120	25592
CT 6173	COL 1 X MS12A/IRAT 124	TAPURIPA
CT 6174	COL 1 X MS12A/IRAT 124	KHADO X IR8
CT 6175	COL 1 X MS12A/IRAT 124	NGOVIE
CT 6176	CAMPONI/IRAT 120	NGOVIE
CT 6177	NGOVIE/IRAT 124	17141
CT 6178	24045/IRAT 120	TOX 95
CT 6179	COL 1/MS12A/IRAT 124	TOX 95-M
CT 6180	NGOVIE/TAIPEI 309	TOX 95-M
CT 6181	IRAT 120/TOX 504-26-109-1	TOX 95-M
CT 6182	NGOVIE/TAIPEI 309	CI9122 / REXORD
CT 6183	IRAT 120/TOX 504-26-109-1	CI9122 / REXORD
CT 6184	NGOVIE/IRAT 124	CI9122 / REXORD
CT 6185	COL 1/MS12A/IRAT 124	IAC 164
CT 6186	NGOVIE/IRAT 124	IAC 1246
CT 6187	24045/IRAT 120	COL 1/MS12A
CT 6188	COLOMBIA 1/5685	COL 1/MS12A
CT 6189	COLOMBIA 1/IR 42	COL 1/MS12A
CT 6190	IR 46/IRAT 120	COL 1/MS12A
CT 6191	26235/IRAT 120	15843
CT 6192	26235/IRAT 120	COL 1/MS12A
CT 6193	COLOMBIA 1/5685	BL 562-2
CT 6194	COL 1 X MS12A/IRAT 124	BL 562-2
CT 6195	CAMPONI/IRAT 120	BL 562-2
CT 6196	COL 1 X MS12A/IRAT 124	RHS 107-2-1-2TB-1JM
CT 6197	5685/TAIPEI 309	11744
CT 6198	11292/TAICHUNG 176	11292
CT 6199	NGOVIE/TAIPEI 309	CEYSVONI
CT 6200	NGOVIE/COLOMBIA 1	CEYSVONI
CT 6201	NGOVIE/TAIPEI 309	TOX 1785-19-18
CT 6202	11295/TAIPEI 309	11744
CT 6203	26235/IRAT 120	25632
CT 6204	3250	TADUKAN
CT 6205	26235/IRAT 120	23916
CT 6206	11373 /TAIPEI 309	CR 1113
CT 6207	CAMPONI/IRAT 120	COL 1/MS12A
CT 6208	COL 1/MS12A//IRAT 124	TOX 1369-18-1
CT 6209	IR46/IRAT 120	CAMPEDHE A80
CT 6210	11373/DOL 1	CICA 8
CT 6211	25651/DOL 1	CICA 8
CT 6212	5685/TAICHUNG 176	11744
CT 6213	16404 /IRAT 120	BL 562-2
CT 6214	5685/TAICHUNG 176	11643
CT 6215	5685/TAICHUNG 176	CAMPEDHE A80
CT 6216	DOL 1/17354	UP658
CT 6217	TOX 95-M/IRAT 124	UP667
CT 6218	CAMPONI/IRAT 120	UP669

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6219	16404/IRAT 120	COL 1/M312A
CT 6220	TOX 95-M/IRAT 124	UP 669
CT 6221	16404/IRAT 120	11744
CT 6222	26235/IRAT 120	11373
CT 6223	11373 /TAIPEI 309	CAMPICHE A-80
CT 6224	IRAT 120/METICA 1	25632
CT 6225	CAMPONI/IRAT 120	TOX 1785-19-18
CT 6226	NGOVIE/COL 1	TOX 718-1-23
CT 6227	TOX 95M/IRAT 124	COL 1/M312A
CT 6228	NGOVIE/TAIPEI 309	MAKALIOKA
CT 6229	NGOVIE/TAIPEI 309	KHAKO / IR8
CT 6230	NGOVIE/TAIPEI 309	IRAT 122
CT 6231	25969/IRAT 122	11643
CT 6232	25651/COL 1	11643
CT 6233	17361/COL 1	BL-562-2
CT 6234	TOX 95M/IRAT 124	MAKALIOKA
CT 6235	CAMPONI/IRAT 120	MAKALIOKA
CT 6236	25969/IRAT 122	5685
CT 6237	IRAT 124/METICA 1	5728
CT 6238	11295/COL 1	5738
CT 6239	NGOVIE/COL 1	5738
CT 6240	NGOVIE/IRAT 124	COL 1/M312A
CT 6241	NGOVIE/TAIPEI 309	COL 1/M312A
CT 6242	IRAT 120/TOX 504-26-109-1	CAMPONI
CT 6243	NGOVIE/TAIPEI 309	CAMPONI
CT 6244	NGOVIE/TAIPEI 309	TAPURIPA
CT 6245	IR46/IRAT 120	CR 1113
CT 6246	NGOVIE/TAIPEI 309	IRAT 120
CT 6247	NGOVIE/TAIPEI 309	IAC 165
CT 6248	NGOVIE/TAIPEI 309	IAC 1246
CT 6249	NGOVIE/COL 1	COL 1/M312A
CT 6250	NGOVIE/COL 1	TOX 95
CT 6251	CAMPONI//COL 1/M312A	TOX 718-1-23
CT 6252	CAMPONI/IRAT 120	TOX 1369-18-1
CT 6253	26235/IRAT 120	TOX 95
CT 6254	CAMPONI/IRAT 120	TOX 95
CT 6255	16404/IRAT 120	TOX 95
CT 6256	16497/COL 1	11373
CT 6257	23916/IRAT 120	11373
CT 6258	CAMPONI//COL 1/M312A	IAC 165
CT 6259	TOX 95M/IRAT 124	TOX 1785-19-18
CT 6260	CAMPONI//COL 1/M312A	TOX 1011-4-1
CT 6261	CAMPONI//COL 1/M312A	TOX 1785-19-18
CT 6262	26481/COL 1	TOX 95
CT 6263	23916/IRAT 120	TOX 95
CT 6264	24045/IRAT 120	15843
CT 6265	COL 1/M312A//IRAT 124	TOX 718-1-23
CT 6266	16404/IRAT 120	TOX 1011-4-1
CT 6267	16404/IRAT 120	METICA 1
CT 6268	26481/COL 1	CICA 8

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6269	11219/TAIPEI 309	11744
CT 6270	23916/IRAT 120	BL-562-2
CT 6271	5685/COL 1	CICA 8
CT 6272	25592/COL 1	25638
CT 6273	16497/COL 1	CICA 8
CT 6274	NGOVIE/COL 1	17141
CT 6275	11295/TAICHUNG 176	11744
CT 6276	5685/COL 1	CAMPECHE A-80
CT 6277	16497/COL 1	15742
CT 6278	23916/IRAT 120	COL 1/M312A
CT 6279	23916/IRAT 120	5685
CT 6280	26235/IRAT 120	CICA 8
CT 6281	5685/COL 1	17406
CT 6282	5685/TAIPEI 309	CAMPECHE A-80
CT 6283	16404/IRAT 120	CICA 8
CT 6284	26235/IRAT 120	BL-562-2
CT 6285	23916/IRAT 120	16252
CT 6286	LEMONT	DIAMANTE
CT 6287	LEMONT	64117
CT 6288	LEMONT	65101
CT 6289	LEMONT	66304
CT 6290	LEMONT	67103
CT 6291	5685/TAICHUNG 176	18467
CT 6292	5685/TAICHUNG 176	16497
CT 6293	11295/COL 1	18467
CT 6294	11295/COL 1	CAMPECHE A80
CT 6295	11295/COL 1	CICA 8
CT 6296	5685/COL 1	5738
CT 6297	5685/COL 1	16497
CT 6298	5685/COL 1	18467
CT 6299	25651/COL 1	TDX 95
ET 6300	25651/COL 1	25638
CT 6301	16497/COL 1	TOX 1011-4-1
CT 6302	25969/IRAT 122	CAMPECHE A80
CT 6303	26235/IRAT 120	TOX 1011-4-1
CT 6304	26235/IRAT 120	METICA 1
CT 6305	16404/IRAT 120	11373
CT 6306	16404/IRAT 120	25632
CT 6307	CAMPONI/IRAT 120	TOX 1011-4-1
CT 6308	CAMPONI/IRAT 120	IAC 1246
CT 6309	NGOVIE/TAIPEI 309	TOX 1369-18-1
CT 6310	CAMPONI//COL 1/M312A	IRAT 124
CT 6311	CAMPONI//COL 1/M312A	KHAROLD/IR B
CT 6312	CAMPONI//COL 1/M312A	TAIPEI 309
CT 6313	CAMPONI//COL 1/M312A	IRAT 120
CT 6314	CAMPONI//COL 1/M312A	IRAT 122
CT 6315	CAMPONI//COL 1/M312A	UP669
CT 6316	CAMPONI//COL 1/M312A	TOX 1369
CT 6317	CAMPONI/IRAT 124	NGOVIE
CT 6318	CAMPONI/IRAT 124	KHAROLD/IR B

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6319	CAMPONI/IRAT 124	TOX 1011-4-1
CT 6320	CAMPONI/IRAT 124	TOX 95-M
CT 6321	NGOVIE/IRAT 124	MAKALITKA
CT 6322	NGOVIE/IRAT 124	TOX 95-M
CT 6323	NGOVIE/IRAT 124	TOX 1785-19-18
CT 6324	TOX 95M/IRAT 124	KHAOLO/IR 8
CT 6325	TOX 95M/IRAT 124	TOX 718-1-23
CT 6326	TOX 95M/IRAT 124	TUS 5790
CT 6327	TOX 95M/IRAT 124	COL 1/MS12A
CT 6328	TOX 95M/IRAT 124	TOX 95-M
CT 6329	TOX 95M/IRAT 124	TOX 500-1-112
CT 6330	TOX 95M/IRAT 124	KHAOLO/IR 8
CT 6331	TOX 95M/IRAT 124	TOX 504-26-109-1-1P
CT 6332	TOX 95M/IRAT 124	IAC 1246
CT 6333	TOX 95M/IRAT 124	NGOVIE
CT 6334	TOX 95M/IRAT 124	CI 9122/REXORO
CT 6335	NGOVIE/COL 1	17468
CT 6336	NGOVIE/COL 1	KHAOLO/IR 8
CT 6337	NGOVIE/COL 1	MAKALITKA
CT 6338	NGOVIE/COL 1	IAC 165
CT 6339	NGOVIE/COL 1	IAC 1246
CT 6340	KAOHSIUNG 180/TOX 503-1-52	COL 1/TOX 1011-4-1
CT 6341	16497/COLOMBIA 1	COL 1/TOX 1011-4-1
CT 6342	26235/IRAT 120	COL 1/5685
CT 6343	25592/IRAT 120	25592/COL 1
CT 6344	23916/IRAT 120	25589/COL 1
CT 6345	16497/COL 1	CAROLIND/IAC 165
CT 6346	TOX 504-26-109-1/11643	COL 1/TOX 1011-4-1
CT 6347	TOX 504-26-109-1/11643	CR 1113/KAOHSIUNG 180
CT 6348	TOX 504-26-109-1/11643	KAOHSIUNGRI10/ TOX 503-1-52
CT 6349	TOX 504-26-109-1/11744	COL 1/TOX 1011-4-1
CT 6350	TOX 500-1-112-1/11744	COL 1/TOX 1011-4-1
CT 6351	26320/IRAT 120	COL 1/5685
CT 6352	26320/IRAT 120	COL 1/TOX 1011-4-1
CT 6353	26320/IRAT 120	KAOHSIUNG 180/ TOX 503-1-52
CT 6354	26320/IRAT 120	METICA 1/IAC 164
CT 6355	26235/IRAT 120	COL 1/TOX 1011-4-1
CT 6356	16404/IRAT 120	TOX 1011-4-1/METICA 1
CT 6357	16404/IRAT 120	COL 1/TOX 1011-4-1
CT 6358	IR 4568-225-3-2/IR5657-33-2-	COL 1/CR1113
CT 6359	IR 4568-225-3-2/IR 5657-33-2	COL 1/5685
CT 6360	5685/KAOHSIUNG 180	IR 4568-225-3-2/ IR 5657-33-2
CT 6361	TOX 1011-4-1/15843	26481/COL 1
CT 6362	CAROLIND/IR 5657-33-2-2-3	16497/COL 1
CT 6363	IR 4-2/IAC 165	16497/COL 1
CT 6364	CAROLIND/TOX 1010-45-1-1	16497/COL 1
CT 6365	B6 402-4/COL 1	TOX 504-26-109-1/11744
CT 6366	TOX 95/11643	KAOHSIUNG 180/ TOX 503-1-52
CT 6367	TOX 500-1-112-1/11744	COL 1/17354
CT 6368	B6 402-4/COL 1	TOX 500-1-112-1/11744

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6369	TOX 95/11643	COL 1/TOX 1011-4-1
CT 6370	IRAT 121/26201	IR 4568-225-3-2/ IR 5657-33-2
CT 6371	26235/IRAT 120	6850/KACHSIUNG 190
CT 6372	CICA 7/TADUKAN	26230/IRAT 120
CT 6373	CEYSVONI/IRAT 13	25589/IRAT 120
CT 6374	24045/IRAT 120	CAROLIND/IAC 165
CT 6375	24045/IRAT 120	COL 1/CR 1113
CT 6376	24045/IRAT 120	COL 1/CICA B
CT 6377	24045/IRAT 120	COL 1/TOX 1011-4-1
CT 6378	23916/IRAT 120	25592/IRAT 120
CT 6379	IR 4568-225-3-2/IR 5657-33-2	23916/IRAT 120
CT 6380	23916/IRAT 120	METICA 1/NAM-SA-SUI-19
CT 6381	16404/IRAT 120	KACHSIUNG 180/ TOX 503-1-52
CT 6382	16404/IRAT 120	METICA 1/NAM-SA-SUI-19
CT 6383	16404/IRAT 120	5685/TOX 1011-4-1
CT 6384	16404/IRAT 120	COL 1/17354
CT 6385	16404/IRAT 120	CAROLIND/TOX 1785-19-18
CT 6386	CICA 8/IAC 164	25592/IRAT 120
CT 6387	IR 4568-225-3-2/IR 5657-33-2	COL 1/CICA B
CT 6388	2476/5685	26481/COL 1
CT 6389	IR 5/TOX 1010-45-1-1	26481/COL 1
CT 6390	IR 4-2/CAROLIND	26481/COL 1
CT 6391	CAROLIND/TOX 1785-19-18	26481/COL 1
CT 6392	IR 4568-225-3-2/IR 5657-33-2	26481/COL 1
CT 6393	TOX 503-1-52/SUAKOKO	26481/COL 1
CT 6394	TOX 503-1-52/15843	26481/COL 1
CT 6395	BG 90-2/DIWANI	25589/COL 1
CT 6396	IR 4-2/CEYSVONI	16497/COL 1
CT 6397	16497/COL 1	CAROLIND/TOX 1785-19-18
CT 6398	16497/COL 1	IR 4568-225-3-2/ IR 5657-33-2-2-3
CT 6399	TOX 504-26-109-1/11643	CICA 4/DIWANI
CT 6400	TOX 504-26-109-1/11643	BG 402-4/COL 1
CT 6401	TOX 504-26-109-1/11643	5729/6850
CT 6402	TOX 504-26-109-1/11643	COL 1/17354
CT 6403	TOX 95/11643	BG 90-2/DIWANI
CT 6404	TOX 95/11643	IR 22/IR 11-452
CT 6405	TOX 95/11643	5729/6850
CT 6406	TOX 95/11643	CEYSVONI/IRAT 122
CT 6407	TOX 95/11643	CR 1113/KACHSIUNG 180
CT 6408	IRAT 124/METICA 1	26481/COL 1
CT 6409	IRAT 124/METICA 1	25592/COL 1
CT 6410	TOX 504-26-109-1/11643	IRAT 121/26201
CT 6411	TOX 95/11643	IRAT 121/26201
CT 6412	26320/IRAT 120	TOX 503-1-52/15843
CT 6413	26235/IRAT 120	BG 90-2/DIWANI
CT 6414	26235/IRAT 120	CAROLIND/ TOX 1010-45-1-1
CT 6415	26235/IRAT 120	CAROLIND/TOX 1785-19-18
CT 6416	26230/IRAT 120	BG 402-4/COL 1
CT 6417	26221/IRAT 120	CEYSVONI/7152
CT 6418	26221/IRAT 120	BG 90-2/IAC 164

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6419	25589/IRAT 120	COL 1/5685
CT 6420	23916/IRAT 120	CAROLINO/CEYSVONI
CT 6421	23916/IRAT 120	IR 4568-225-3-2/CAMPONI
CT 6422	23916/IRAT 120	COL 1/5685
CT 6423	TOX 503-1-52/SUKOKO	23916/IRAT 120
CT 6424	COL 1/KS12A//IRAT 124	TOX 1785-19-18
CT 6425	TAICHUNG 176/5685 //5685	5685
CT 6426	24045/IRAT 120	TOX 1011-4-1
CT 6427	IR 4-2/CEYSVONI	26481/COL 1
CT 6428	26481/COL 1	CEYSVONI/IRAT 122
CT 6429	25651/COL 1	B6 402-4/COL 1
CT 6430	25651/COL 1	IR 4568-225-3-2/ IR 5657-33-2-2-3
CT 6431	11744/IRAT 120	25651/COL 1
CT 6432	IR 4568-225-3-2/IR 5657-33-2	25992/COL 1
CT 6433	16497/COL 1	B6 90-2/DIWANI
CT 6434	16497/COL 1	10750/ANAYANSI
CT 6435	16497/COL 1	METICA 1/TOX 503-1-52
CT 6436	16497/COL 1	CEYSVONI/IRAT 122
CT 6437	TOX 503-1-52/15900	16497/COL 1
CT 6438	TOX 503-1-52/17631	16497/COL 1
CT 6439	TOX 503-1-52/15843	16497/COL 1
CT 6440	TOX 1011-4-1/15843	16497/COL 1
CT 6441	TOX 1011-4-1/5738	16497/COL 1
CT 6442	TOX 504-26-109-1/11643	CEYSVONI/5723
CT 6443	IR 1820/B6 402-4	TOX 504-26-109-1/11643
CT 6444	TOX 504-26-109-1/11744	CEYSVONI/IRAT 122
CT 6445	IR 11-452/CICM	TOX 500-1-112-1/11744
CT 6446	IR 4568-225-3-2/IR 5657-33-2	25969/IRAT 122
CT 6447	SUKOKO/CAMPONI	26235/IRAT 120
CT 6448	26235/IRAT 120	IRAT 121/26201
CT 6449	26235/IRAT 120	IR 1820/COL 1
CT 6450	26235/IRAT 120	CAROLINO/CEYSVONI
CT 6451	26235/IRAT 120	COL 1/CR 1113
CT 6452	26235/IRAT 120	TOX 503-1-52/15843
CT 6453	26230/IRAT 120	IR 4568-225-3-2/ IR 5657-33-2
CT 6454	CICA B/COSTA RICA	26221/IRAT 120
CT 6455	25589/IRAT 120	KACHUNG 180/ TOX 503-1-52
CT 6456	24045/IRAT 120	CICA 4/DIWANI
CT 6457	24045/IRAT 120	CAROLINO/TOX 1785-19-18
CT 6458	24045/IRAT 120	IR 4568-225-3-2/ IR 5657-33-2
CT 6459	24045/IRAT 120	COL 1/5685
CT 6460	23916/IRAT 120	CICA 9/CICA 8
CT 6461	23916/IRAT 120	CICA 4/DIWANI
CT 6462	7152/TADUKAN	23916/IRAT 120
CT 6463	IR 1820/COL 1	23916/IRAT 120
CT 6464	23916/IRAT 120	10750/ANAYANSI
CT 6465	IR 5/CR 1113	23916/IRAT 120
CT 6466	23916/IRAT 120	CAROLINO/TOX 1785-19-18
CT 6467	23916/IRAT 120	COL 1/17354
CT 6468	TOX 503-1-52/15843	23916/IRAT 120

NO. CRUCE	PROGENITOR FEMENTINO	PROGENITOR MASCULINO
CT 6469	Z3916/IRAT 120	KAOHSIUNG 180/ TOX 503-1-52
CT 6470	5728/KAOHSIUNG 180	23916/IRAT 120
CT 6471	Z3916/IRAT 120	CR 1113/KAOHSIUNG 180
CT 6472	Z5592/COL 1	23916/IRAT 120
CT 6473	16404/IRAT 120	BG 90-2/DIWANI
CT 6474	16404/IRAT 120	IR 1820/COL 1
CT 6475	16404/IRAT 120	METICA 1/TOX 718-1-2-3
CT 6476	16404/IRAT 120	Z5592/COL 1
CT 6477	7152/COL 1	Z3916/IRAT 120
CT 6478	IRGA 410	66304
CT 6479	IRGA 410	65101
CT 6480	IRGA 409	LEMONT
CT 6481	IRGA 410	LEMONT
CT 6482	P1369-4-16M-1-2M-4	LEMONT
CT 6483	P1369-4-16M-1-2M-4	QUILLA 66304
CT 6484	P1369-4-16M-1-2M-4	QUILLA 65101
CT 6485	P1369-4-16M-1-2M-4	DIAMANTE
CT 6486	IRGA 410	DIAMANTE
CT 6487	TOX 1871-38-4	COL 1 X M312A
CT 6488	TOX 1871-38-4	IRAT 122
CT 6489	TOX 1780-2-1-1P-3	COL 1 X M312A
CT 6490	TOX 1780-2-1-1P-3	IRAT 122
CT 6491	TOX 1780-2-1-1P-4	COL 1 X M312A
CT 6492	TOX 1780-2-1-1P-4	IRAT 122
CT 6493	KHAOLO X IR-8	COL 1 X M312A
CT 6494	KHAOLO X IR-8	IRAT 122
CT 6495	IRAT 194-1-2-1B	COL 1 X M312A
CT 6496	IRAT 194-1-2-1B	IRAT 122
CT 6497	TOX 1010-24-2-1-1B	COL 1 X M312A
CT 6498	TOX 1010-24-2-1-1B	IRAT 122
CT 6499	TOX 1815-34-201-201-1	COL 1 X M312A
CT 6500	TOX 1815-34-201-201-1	IRAT 122
CT 6501	MENT MD1	COL 1 X M312A
CT 6502	MENT MD1	IRAT 122
CT 6503	TOX 891-212-2-102-2	IRAT 122
CT 6504	KU 28	COL 1 X M312A
CT 6505	KU 28	IRAT 122
CT 6506	Z5969/IRAT 122	TOX 1011-4-1
CT 6507	24045/IRAT 120	TOX 1011-4-1
CT 6508	Z3916/IRAT 120	TOX 1011-4-1
CT 6509	IRAT 120/KHAOLO X IR 8	CEYSVONI
CT 6510	IRAT 120/KHAOLO X IR 8	COL 1 X M312A
CT 6511	IRAT 121/KHAOLO X IR 8	CEYSVONI
CT 6512	IRAT 121/KHAOLO X IR 8	COL 1 X M312A
CT 6513	IRAT 120/TOX 1011-4-1	TOX 1785-19-18
CT 6514	TOX 1010-49-1/IRAT 121	TOX 1785-19-18
CT 6515	TOX 1010-49-1/IRAT 121	DIWANI
CT 6516	TOX 1010-49-1/IRAT 121	COL 1 X M312A
CT 6517	TOX 1010-49-1/IRAT 121	IAC 165
CT 6518	TOX 1010-49-1/IRAT 121	CEYSVONI

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6519	TOX 1010-45-1/IRAT 121	17468
CT 6520	TOX 1010-45-1/IRAT 121	IAC 47
CT 6521	TOX 1010-45-1/IRAT 121	TOX 95-M
CT 6522	TOX 1010-45-1/IRAT 121	KHOLD X IR 8
CT 6523	IRAT 120/BL 562-2	TOX 1785-19-18
CT 6524	IRAT 120/BL 562-2	IAC 47
CT 6525	IRAT 120/BL 562-2	COL 1 X KSI2A
CT 6526	IRAT 120/BL 562-2	DEYSONI
CT 6527	IRAT 121/RMS 107	TOX 500-1-112-1
CT 6528	IRAT 121/RMS 107	CI 9122 X REXDRO
CT 6529	IRAT 121/IRAT 110	TOX 1785-19-18
CT 6530	IRAT 121/IRAT 133	IAC 47
CT 6531	IRAT 121/IRAT 133	DEYSONI
CT 6532	IRAT 121/IRAT 133	COL 1 X KSI2A
CT 6533	IRAT 122/NGOVIE	TOX 1785-19-18
CT 6534	IRAT 122/NGOVIE	IAC 47
CT 6535	IRAT 122/IAC 47	TOX 1011-4-1
CT 6536	IRAT 122/IAC 47	TOX 1785-19-18
CT 6537	IRAT 122/IAC 47	TOX 1369-10-1
CT 6538	5685/TAIPEI 309/5685	5685
CT 6539	11295/IRAT 120	25969
CT 6540	11295/IRAT 120	26201
CT 6541	11295/IRAT 120	25589
CT 6542	11295/IRAT 120	UP 1095
CT 6543	11295/IRAT 120	26221
CT 6544	11295/IRAT 120	CICA 9
CT 6545	11295/IRAT 120	16267
CT 6546	11295/IRAT 120	25651
CT 6547	11295/IRAT 120	25592
CT 6548	11373/IRAT 120	25929
CT 6549	11373/IRAT 120	5738
CT 6550	11373/IRAT 120	UP 1095
CT 6551	11373/IRAT 120	16267
CT 6552	11373/IRAT 120	25589
CT 6553	11373/IRAT 120	25702
CT 6554	11373/IRAT 120	25651
CT 6555	11373/IRAT 120	25592
CT 6556	19950/IRAT 120	IR 5853-118-5
CT 6557	11292/IRAT 121	25702
CT 6558	11292/IRAT 121	25651
CT 6559	16267/IRAT 121	25651
CT 6560	16267/IRAT 121	25702
CT 6561	16267/IRAT 121	UP 1095
CT 6562	11373/IRAT 122	UP 1095
CT 6563	19953/IRAT 122	UP 1095
CT 6564	19953/IRAT 122	25702
CT 6565	19953/IRAT 122	21651
CT 6566	19970/IRAT 122	UP 1095
CT 6567	19970/IRAT 122	25702
CT 6568	19970/IRAT 122	25651

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6569	16267/IRAT 122	25702
CT 6570	16267/IRAT 122	25651
CT 6571	11295/IRAT 124	25702
CT 6572	11373/IRAT 124	25702
CT 6573	11373/IRAT 124	25651
CT 6574	19953/IRAT 124	25651
CT 6575	19953/IRAT 124	25702
CT 6576	16280/IRAT 124	25651
CT 6577	16280/IRAT 124	25702
CT 6578	17361/IRAT 124	25651
CT 6579	17361/IRAT 124	25702
CT 6580	CEYSVONI/KHAQLO X IR B	IRAT 122
CT 6581	IRAT 120/TOX 1011-4-1	TOX 95-M
CT 6582	CEYSVONI/TOX 718-1-23	IRAT 122
CT 6583	CEYSVONI/RHS-107	IRAT 122
CT 6584	IRAT 121/IRAT 110	COL. I X NS12A
CT 6585	CEYSVONI/IRAT 121	TOX 1011-4-2
CT 6586	IRAT 122/IAC 47	CEYSVc1
CT 6587	IRAT 122/IAC 47	17468
CT 6588	IRAT 122/IAC 47	COL. I X NS12A
CT 6589	IRAT 122/IAC 47	KHAQLO X IR B
CT 6590	IRAT 122/IAC 47	TOX 718-1-23
CT 6591	IRAT 122/IAC 47	TOX 500-1-112-1
CT 6592	IRAT 122/IAC 47	TOX 95-M
CT 6593	19950/IRAT 120	25702
CT 6594	19950/IRAT 120	CICA 9
CT 6595	19950/IRAT 120	16493
CT 6596	11373/IRAT 121	UP 1095
CT 6597	11373/IRAT 121	25651
CT 6598	11373/IRAT 121	25702
CT 6599	11295/IRAT 124	25651
CT 6600	6850/KADHSIUNG 180	IR 4568-225-3-2/ IR 5657-33-2
CT 6601	B6 90-2/DIWANI	26481/COLUMBIA 1
CT 6602	11744/IRAT 120	25589/COLUMBIA 1
CT 6603	CICA 8/TADUKAN	25592/COLUMBIA 1
CT 6604	CEYSVONI/IRAT 122	TOX 504-26-109-1/11643
CT 6605	CEYSVONI/IRAT 122	TOX 500-1-112-1/11744
CT 6606	CICA 4/S.M.L. 56/7	26221/IRAT 120
CT 6607	CEYSVONI/5685	23916/IRAT 120
CT 6608	5685/KADHSIUNG 180	23916/IRAT 120
CT 6609	25592/IRAT 120	10750/ANAYANGI
CT 6610	IRAT 120/TOX 1011-4-1	CEYSVONI/TOX 718-1-23
CT 6611	CEYSVONI/RHS 107	COLUMBIA 1/BL 562-2
CT 6612	CEYSVONI/KHAQLO X IR B	CEYSVONI/IRAT 121
CT 6613	CEYSVONI/TOX 718-1-23	IRAT 120/TOX 500-1-112-1
CT 6614	CEYSVONI/TOX 718-1-23	IRAT 121/TOX 1011-4-2
CT 6615	CEYSVONI/RHS 107	TOX 1369-18-1/COLUMBIA 1
CT 6616	IRAT 121/IRAT 133	CEYSVONI/KHAQLO X IR B
CT 6617	CEYSVONI/KHAQLO X IR B	IRAT 121
CT 6618	IRAT 121/TOX 1011-4-1	TOX 1785-19-18

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6619	IRAT 121/RHS 107	IAC 47
CT 6620	IRAT 121/RHS 107	CEYSVONI
CT 6621	IRAT 121/RHS 107	TOX 1785-19-18
CT 6622	IRAT 121/RHS 107	COL 1 X NS12A
CT 6623	CEYSVONI/RHS 107	IRAT 121
CT 6624	CEYSVONI/IRAT 121	COL 1 X NS12A
CT 6625	CEYSVONI/IRAT 121	KHAOLD X IR B
CT 6626	CEYSVONI/IRAT 121	IRAT 110
CT 6627	CEYSVONI/IRAT 121	TOX 500-1-112
CT 6628	CEYSVONI/COL 1 X NS12A	TOX 500-1-112
CT 6629	IRAT 121/IAC 1246	CEYSVONI
CT 6630	IRAT 121/IAC 1246	COL 1 X NS12A
CT 6631	17100/IRAT 110	IRAT 120
CT 6632	17100/IRAT 110	COL 1 X NS12A
CT 6633	TOX 718-1-23/IRAT 121	IAC 47
CT 6634	TOX 718-1-23/IRAT 121	TOX 1785-19-18
CT 6635	TOX 718-1-23/IRAT 121	DIMANI
CT 6636	TOX 718-1-23/IRAT 121	CEYSVONI
CT 6637	IRAT 122/NGOVIE	DIMANI
CT 6638	TOX 1010-45-1/IRAT 122	IAC 47
CT 6639	TOX 1010-45-1/IRAT 122	17468
CT 6640	TOX 1010-45-1/IRAT 122	COL 1 X NS12A
CT 6641	TOX 1010-45-1/IRAT 122	TOX 500-1-112
CT 6642	TOX 1369-18-1/COL 1	IRAT 122
CT 6643	TOX 1369-18-1/COL 1	COL 1 X NS12A
CT 6644	IRAT 121/TOX 1011-4-1	TOX 95
CT 6645	CEYSVONI/COL 1 X NS12A	TOX 1857-3-4
CT 6646	CEYSVONI/COL 1 X NS12A	IRAT 133
CT 6647	CEYSVONI/COL 1 X NS12A	TOX 718-1-23
CT 6648	CEYSVONI/COL 1 X NS12A	TOX 1785-19-18
CT 6649	CEYSVONI/COL 1 X NS12A	IRAT 110
CT 6650	CEYSVONI/COL 1 X NS12A	TOX 1010-45-1
CT 6651	CEYSVONI/COL 1 X NS12A	KHAOLD X IR B
CT 6652	CEYSVONI/COL 1 X NS12A	IRAT 122
CT 6653	CEYSVONI/COL 1 X NS12A	IRAT 121
CT 6654	IRAT 121/IAC 1246	17100
CT 6655	IRAT 121/IAC 1246	TOX 1785-19-18
CT 6656	17100/IRAT 110	IRAT 122
CT 6657	TOX 718-1-23/IRAT 121	17100
CT 6658	3210	CEYSVONI
CT 6659	IRAT 122/NGOVIE	CEYSVONI
CT 6660	IRAT 122/NGOVIE	COL 1 X NS12A
CT 6661	IRAT 120/TOX 500-1-112	TOX 1785-19-18
CT 6662	IRAT 120/TOX 500-1-112	CEYSVONI
CT 6663	16497/COL 1	IR 4-2/CAROLINO
CT 6664	CEYSVONI/KHAOLD X IR B	IRAT 121/TOX 1011-4-2
CT 6665	CEYSVONI/TOX 718-1-23	IRAT 122/NGOVIE
CT 6666	CEYSVONI/RHS 107	IRAT 122/NGOVIE
CT 6667	TOX 1010-49-1/IRAT 121	TOX 1010-45-1/IRAT 122
CT 6668	CEYSVONI/RHS 107	TOX 1010-45-1/IRAT 122

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6669	17100/IRAT 110	TOX 1010-45-1/IRAT 122
CT 6670	CEYSVONI/COL 1 X M312A	TOX 1369-18-1/COL 1
CT 6671	CEYSVONI/KHADLO X IR B	IRAT 120/TOX 500-1-112
CT 6672	TOX 718-AL-27-1CM-1JN	COL 1 X M312A
CT 6673	IRAT 112	COL 1 X M312A
CT 6674	COL 1 X M312A	IRAT 194-1-2-8
CT 6675	TOX 1010-49-1/IRAT 121	17100
CT 6676	CEYSVONI/IRAT 121	NGOVIE
CT 6677	CEYSVONI/IRAT 121	TOX 1010-45-1
CT 6678	CEYSVONI/IRAT 121	RHG-107
CT 6679	CEYSVONI/IRAT 121	TOX 1785-19-18-1
CT 6680	CEYSVONI/IRAT 121	TOX 95
CT 6681	CEYSVONI/IRAT 121	KHMO MALEUM
CT 6682	CEYSVONI/IRAT 121	17468
CT 6683	CEYSVONI/COL 1 X M312A	TOX 1369-18-1
CT 6684	MAKALIOKA 34/IRAT 120	COL 1 X M312A
CT 6685	IRAT 122/IAC 47	17100
CT 6686	TOX 1010-45-1/IRAT 122	TOX 95
CT 6687	TOX 1010-45-1/IRAT 122	CEYSVONI
CT 6688	TOX 1011-4-1 /IRAT 122	UP 1095
CT 6689	19959/IRAT 121	25702
CT 6690	19959/IRAT 121	25651
CT 6691	IRAT 121/TOX 1011-4-1	CEYSVONI/TOX 718-1-23
CT 6692	CEYSVONI/TOX 718-1-23	IRAT 120/BL 562-2
CT 6693	CEYSVONI/COL 1 X M312A	IRAT 120/BL 562-2
CT 6694	TOX 718-1-23/IRAT 121	CEYSVONI/TOX 718-1-23
CT 6695	CEYSVONI/COL 1 X M312A	MAKALIOKA 34/IRAT 120
CT 6696	IRAT 122/IAC 47	CEYSVONI/TOX 718-1-23
CT 6697	CEYSVONI/KHADLO X IR B	TOX 1010-45-1/IRAT 122
CT 6698	CEYSVONI/TOX 718-1-23	TOX 1010-45-1/IRAT 122
CT 6699	CEYSVONI/KHADLO X IR B	TOX 1369-18-1/COL 1
CT 6700	17100/IRAT 110	IRAT 120/TOX 500-1-112
CT 6701	TOX 1011-4-1/IRAT 120	19950/IRAT 120
CT 6702	TOX 1011-4-1/5738	26481/COL 1
CT 6703	BG 402-4/5728	26481/COL 1
CT 6704	TOX 504-26-109-1/11643	IR 22/IR 11-452
CT 6705	TOX 95/11643	CEYSVONI/5728
ET 6706	LINEA B/COL 1	26235/IRAT 120
CT 6707	TOX 1011-4-1/15843	26235/IRAT 120
CT 6708	26235/IRAT 120	KADHSIUNG 180/ TOX 503-1-52
CT 6709	26235/IRAT 120	5685/KADHSIUNG 180
CT 6710	TOX 1011-4-1/15843	25589/IRAT 120
CT 6711	23916/IRAT 120	METICA 1/TOX 718-1-2-3
CT 6712	6850/KADHSIUNG 180	29316/IRAT 120
CT 6713	16404/IRAT 120	IR 4568-225-3-2/CAMPON1
CT 6714	CEYSVONI/KHADLOXIR B	IRAT 120/KHADLOXIR B
CT 6715	CEYSVONI/TOX 718-1-23	MAKALIOKA 34/IRAT 120
CT 6716	CEYSVONI/RHG-107	MAKALIOKA 34/IRAT 120
CT 6717	CEYSVONI/COL 1X M312A	IRAT 122/NGOVIE
CT 6718	IRAT 122/IAC 47	CEYSVONI/COL 1X M312A

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6719	CEYSVONI/TOX 718-1-23	IRAT 121
CT 6720	IRAT 121/RHS-107	17100
CT 6721	CEYSVONI/IRAT 121	TOX 1369-18-1
CT 6722	CEYSVONI/IRAT 121	TOX 718-23-1
CT 6723	CEYSVONI/COL 1XMS12A	TOX 1011-4-1
CT 6724	IRAT 121/IRAT 133	17100
CT 6725	IRAT 122/NGOVIE	TOX 95
CT 6726	IRAT 122/NGOVIE	17100
CT 6727	TOX 1010-45-1/IRAT 122	TOX 1785-19-18
CT 6728	IRAT 120/KHAGLOXIR 8	17100
CT 6729	CEYSVONI/COL 1XMS12A	TOX 95
CT 6730	CEYSVONI/COL 1XMS12A	NGOVIE
CT 6731	17100/IRAT 110	MKALITOKA 34/IRAT 120
CT 6732	CEYSVONI/KHAGLOXIR 8	KHAGLOXIR 8/IRAT 124
CT 6733	IRAT 124/IRAT 110	17100/IRAT 110
CT 6734	CEYSVONI/KHAGLOXIR 8	MKALITOKA 34/IRAT 120
CT 6735	CEYSVONI/KHAGLOXIR 8	IRAT 122/NGOVIE
CT 6736	IRAT 124/CI 9122KREXORD	IRAT 122/NGOVIE
CT 6737	IRAT 124/CI 9122KREXORD	TOX 1010-45-1/IRAT 122
CT 6738	CEYSVONI/TOX 718-1-23	TOX 1369-18-1/COL 1
CT 6739	IRAT 121/KHAGLOXIR 8	17100
CT 6740	IRAT 120/BL 562-2	17100
CT 6741	LEMONT/DIAMANTE	QUILLA 65101
CT 6742	LEMONT/QUILLA 64117	QUILLA 65101
CT 6743	LEMONT/QUILLA 65101	QUILLA 65101
CT 6744	LEMONT/QUILLA 66304	QUILLA 65101
CT 6745	LEMONT/QUILLA 67103	QUILLA 65101
CT 6746	LEMONT/DIAMANTE	DIAMANTE
CT 6747	LEMONT/QUILLA 64117	DIAMANTE
CT 6748	LEMONT/QUILLA 65101	DIAMANTE
CT 6749	LEMONT/QUILLA 66304	DIAMANTE
CT 6750	LEMONT/QUILLA 67103	DIAMANTE
CT 6751	11219/TAIPEI 309	UP 1095
CT 6752	11744/IRAT 120	TOX 1011-4-1
CT 6753	CEYSVONI/IRAT 121	TOX 1011-4-1
CT 6754	IRAT 122/NGOVIE	TOX 500-1-112-1
CT 6755	TOX 1010-45-1/IRAT 122	TAPURIPA MUT 202(17100)
CT 6756	11295/IRAT 120	IR 5853-118-5
CT 6757	CEYSVONI/RHS-107	TOX 1785-19-18/IRAT 120
CT 6758	17100/IRAT 110	IRAT 122/NGOVIE
CT 6759	IRAT 120/1AC 165	IRAT 122/NGOVIE
CT 6760	TOX 1011-4-1/IRAT 120	11373/IRAT 120
CT 6761	TOX 1011-4-1/IRAT 122	11373/IRAT 120
CT 6762	11643/PICO NEBRO	IR 5/IRAT 13
CT 6763	19965/IRAT 120	IR 5/CEYSVONI
CT 6764	17361/IRAT 120	IR 5/CEYSVONI
CT 6765	11219/TAIPEI 309	11373/IRAT 122
CT 6766	11744/IRAT 120	11373/IRAT 122
CT 6767	IR 52/EICA 4	11373/IRAT 122
CT 6768	19950/IRAT 124	IR 5/CEYSVONI

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6769	16267/IRAT 124	IR 5/CEYSVONI
CT 6770	17361/IRAT 124	IR 5/CEYSVONI
CT 6771	IR 5853-118-5	IR 19743-25-2-2-3-1
CT 6772	LEDMONT	IR 19743-25-2-2-3-1
CT 6773	5209	CAMPONI
CT 6774	P 3085 F4-54	IR 19743-25-2-2-3-1
CT 6775	CEYSVONI/RHS-107	TOX 1785-19-18/IRAT 124
CT 6776	CEYSVONI/COL 1 * NS12A	TOX 718-1-23/COLOMBIA 1
CT 6777	CEYSVONI/COL 1 * NS12A	COLOMBIA 1/IRAT 112
CT 6778	IRAT 122/NGOVIE	17100/IRAT 112
CT 6779	IRAT 120/BL 562-2	TOX 500-1-112-1/DIWANI
CT 6780	IRAT 120/TOX 500-1-112	TOX 500-1-112-1/DIWANI
CT 6781	TOX 1011-4-1/IRAT 120	IR 5/CEYSVONI
CT 6782	CAMPONI/IRAT 120	IR 6023-10-1-1/PICO NEGRO
CT 6783	CICA 6/DIWANI	5685/PICO NEGRO
CT 6784	CICA 8/PICO NEGRO	CICA 4/DIWANI
CT 6785	CICA 8/PICO NEGRO	CICA 6/DIWANI
CT 6786	CR 1113/PICO NEGRO	5685/CICA 4
CT 6787	19965/IRAT 120	DRYZICA 1/CICA 4
CT 6788	11373/IRAT 121	5738/PICO NEGRO
CT 6789	17361/TAICHUNG 176	11373/IRAT 122
CT 6790	11373/IRAT 122	CICA 7/CICA 4
CT 6791	11373/IRAT 122	DRYZICA 1/CICA 4
CT 6792	11373/IRAT 122	5685/PICO NEGRO
CT 6793	CEYSVONI/CICA 4	19953/IRAT 122
CT 6794	11219/TAIPEI 309	16267/IRAT 122
CT 6795	17361/IRAT 122	IR 5/CEYSVONI
CT 6796	11295/IRAT 124	IR 5/IRAT 10
CT 6797	11744/IRAT 120	P 1897-15-1-4-1-1B-1B/ (7152)
CT 6798	11744/IRAT 120	P 2189 F4-64-1/ (15843)
CT 6799	26221/IRAT 120	TOX 1011-4-1
CT 6800	IRAT 120/TOX 500-1-112	TAPURIPA MUT 202/ (17100)
CT 6801	LEDMONT/65101	IR 19743-25-2-2-3-1
CT 6802	LEDMONT/66304	IR 19743-25-2-2-3-1
CT 6803	TOX 1010-22-7-16 1B	COL 1 * NS12A
CT 6804	ITA 133	COL-IX-M-312-A/74-2-8-8
CT 6805	TOX 1780-2-1-1P (4)	COL-IX-M-312-A/74-2-8-8
CT 6806	TOX 718/AL-27-1	COL 1 / NS12A
CT 6807	TOX 1010-22-7-16 1B	IRAT 122
CT 6808	ITA 133	COLOMBIA 1
CT 6809	UP 714	COL 1 / NS12A
CT 6810	TOX 1780-2-1-1P (1)	IRAT 122
CT 6811	TOX 718/AL-27-1-1	COLOMBIA 1
CT 6812	TOX 718/AL-20-1	IRAT 122
CT 6813	TOX 718/AL-11-1	COL 1 / NS12A
CT 6814	M 55	COL-IX-M-312-A/74-2-8-8
CT 6815	RESISTENTE SEMUIA	IRAT 122
CT 6816	RHS 107-2-1-2	COL 1 / NS12A
CT 6817	BR 51-282-8	COL 1 / NS12A
CT 6818	NGOVIE	IRAT 122 ?

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6819	RHS 107-2-1-2TB-1JM	IRAT 122 → <i>des cola x m3120/74-2-28</i>
CT 6820	NEOVIE	COL-11-M-312-A/74-2-8-B
CT 6821	L 201	TOX 718/AL-11-1
CT 6822	IRAT 156	IRAT 122
CT 6823	M 18	IRAT 122
CT 6824	IRAT 13 / OS6-AL-1-1-1	IRAT 122
CT 6825	IRAT 194-1-2-8	IRAT 122
CT 6826	IRAT 194-1-2-8	COL 1 / MS12A
CT 6827	IRAT 13/OS6-AL-1-1-1	COL 1 / MS12A
CT 6828	TOX 906-2-1-202-2	COL 1 / MS12A
CT 6829	TOX 718/AL-27-1CN-1	IRAT 122
CT 6830	TOX 1780-5-7	IRAT 122
CT 6831	TOX 1859-102-3M	IRAT 122
CT 6832	TOX 1785-19-1B	IRAT 122
CT 6833	TOX 1781-15-1	COL 1 / MS12A
CT 6834	TOX 1871-15-1	COLOMBIA 1
CT 6835	TOX 1859-102-5M	IRAT 122
CT 6836	TOX 1177-17-16-B-1-CH-1P	COL-11-M-312-A/74-2-8-B
CT 6837	TOX 1177-17-16-B-1-CH-1P	IRAT 122
CT 6838	TOX 1010-22-7-1	COL 1 / MS12A-74-2-8-B
CT 6839	TOX 1010-49-1	COL-11-M-312-A/74-2-8-B
CT 6840	TOX 1010-49-1	IRAT 122
CT 6841	IRGA 410	IR 19743-25-2-2-3-1
CT 6842	LEMONT	P201SF4-66-1B-1B
CT 6843	LEMONT	IR 9224-73-2-2-2-3
CT 6844	LEMONT	B6 374-1
CT 6845	QUILLA 66304	SI-2
CT 6846	QUILLA 66304	B6 374-1
CT 6847	DIAMANTE	IR 9224-73-2-2-2-3
CT 6848	DIAMANTE	SI-2
CT 6849	DIAMANTE	P201SF4-66-1B-1B
CT 6850	QUILLA 66304	P1356-
CT 6851	LEMONT/65101	SI-2
CT 6852	LEMONT/ 65101	B6 374-1
CT 6853	LEMONT/ 66304	IR 9224-73-2-2-2-3
CT 6854	IRGA 409/LEMONT	P1356-1-3M-2-1B
CT 6855	P1369-4-16M-1-2M-4/LEMONT	IRGA 410
CT 6856	P1369-4-16M-1-2M-4/QUILLA 66304	IRGA 410
CT 6857	P1369-4-16M-1-2M-4/DIAMANTE	IRGA 410
CT 6858	DIAMANTE	P1390-1-1M-2-1B
CT 6859	LEMONT	SI-2
CT 6860	QUILLA 65101	B6 374-1
CT 6861	QUILLA 66304	IR 19743-25-2-2-3-1
CT 6862	IR 19743-25-2-2-3-1	DIAMANTE
CT 6863	QUILLA 66304	IR 9224-73-2-2-2-3
CT 6864	P1390-1-1M-2-1B	QUILLA 65101
CT 6865	LEMONT	P 1897-15-1-4-1-1B
CT 6866	P1897-15-14-1	QUILLA 65101
CT 6867	5685/TAIPEI 309	5685
CT 6868	23916/IRAT 120	7153

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6869	23916/IRAT 120	COL 1 X M312A
CT 6870	COLOMBIA 1/KHROLD * 1R 8	TOX 1780-2-1-1P-3
CT 6871	TOX 500-1-112-1/DIMANI	TOX 1369-18-1/COLOMBIA 1
CT 6872	11643/PIC0 NEGRO	CEYSVONI/CICA 4
CT 6873	CEYSVONI/CICA 4	5685/PIC0 NEGRO
CT 6874	11373/IRAT 124	1R 5/CEYSVONI
CT 6875	19953/IRAT 122	CEYSVONI/5685
CT 6876	19953/IRAT 122	CEYSVONI/7152
CT 6877	11373/IRAT 122	CEYSVONI/86 94-1
CT 6878	IRAT 122/NGOVIE	TOX 1780-2-1-1P-3
CT 6879	IRAT 122/IAC 47	TOX 1780-2-1-1P-3
CT 6880	CICA 8/PIC0 NEGRO	CAMPONI/1170
CT 6881	COLOMBIA 1/IRAT 112	60142
CT 6882	COLOMBIA 1/IRAT 112	60129
CT 6883	IRAT 120/IAC 165	60129
CT 6884	MAKALIONA 34/IRAT 120	60142
CT 6885	CAMPONI/IRAT 120	TRAT 110
CT 6886	11744/IRAT 120	11643
CT 6887	11373/IRAT 122	1R 5/CEYSVONI
CT 6888	TOX 939-107-2-101-1-1B	COLOMBIA 1
CT 6889	TOX 939-107-2-101-1-1B	COL 1 X M312A
CT 6890	TOX 1010-22-7-1B	COLOMBIA 1
CT 6891	TOX 956-109-2-1B	COL 1 X M312A
CT 6892	TOX 956-109-2-1B	COLOMBIA 1
CT 6893	TOX 936-81-6-3-1R 5-1B	COL 1 X M312A
CT 6894	TOX 936-81-3-5-201-1B	COL 1 X M312A
CT 6895	TOX 936-81-3-5-201-1B	COLOMBIA 1
CT 6896	TOX 891-212-2-102-2-101	COL 1 X M312A
CT 6897	TOX 1780-2-3-201-1	COL 1 X M312A
CT 6898	TOX 1780-5-7	COL 1 X M312A
CT 6899	IRAT 194-1-2-1B	COLOMBIA 1
CT 6900	18732-2	COL 1 X M312A
CT 6901	18633-4	COL 1 X M312A
CT 6902	TOX 1780-2-3-201-2	COLOMBIA 1
CT 6903	P2015F4-66-1B-1B	QUILLA 65101
CT 6904	1R 9224	QUILLA 65101
CT 6905	QUILLA 65101	SI-2
CT 6906	QUILLA 66304	P2015 F4-66-1B-1B
CT 6907	QUILLA 66304	P1409-6-6M-4-1B
CT 6908	DIAMANTE	86 374-1
CT 6909	LEMONT/65101	P1369-4-16A-1-2M-4
CT 6910	LEMONT/65101	P2015F4-66-1B-1B
CT 6911	LEMONT/65101	1R9224-73-2-2-2-3
CT 6912	LEMONT/65101	P1390-1-1M-2-1B
CT 6913	LEMONT/66304	P1369-4-16A-1-2M-4
CT 6914	LEMONT/66304	P2015F4-66-1B-1B
CT 6915	LEMONT/DIAMANTE	1R 9224-73-2-2-2-3
CT 6916	LEMONT/DIAMANTE	86 374-1
CT 6917	LEMONT/DIAMANTE	1R 19743-25-2-2-3-1
CT 6918	IRGA 409/LEMONT	P2015F4-66-1B-1B

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6919	IRGA 409/LEMONT	B6 374-1
CT 6920	IRGA 409/LEMONT	IR 19743-25-2-2-3-1
CT 6921	IRGA 409/LEMONT	P1390-1-1M-2-1B
CT 6922	IRGA 409/LEMONT	P1897-15-1-4-1-1B
CT 6923	IRGA 410/LEMONT	P1390-1-1M-2-1B
CT 6924	IRGA 410/LEMONT	P2015F4-66-1B-1B
CT 6925	IRGA 410/LEMONT	B6 374-1
CT 6926	IRGA 410/LEMONT	P1409-6-8M-4-1B
CT 6927	IRGA 410/ LEMONT	P 1369-4-16M-1-2H-4
CT 6928	P1369-4-16M-1-2H-4/ QUILLA 65101	IRGA 410
CT 6929	IRGA 410/ LEMONT	IR 9224-73-2-2-3
CT 6930	IRGA 410/ 65101	IR 19743-25-2-2-3-1
CT 6931	IRGA 410/ 66304	B6 374-1
CT 6932	IRGA 410/ DIAMANTE	B6 374-1
CT 6933	11373/ TAIPEI 309	16267/ IRAT 122
CT 6934	IR 262/ TETEP	16267/ IRAT 122
CT 6935	19953/ IRAT 122	IR 262/ TETEP
CT 6936	19950/IRAT 120	ORYZICA 1/ CICA 4
CT 6937	11373/IRAT 120	IR 5/ CEYSVONY
CT 6938	B6 402-4/PICO NEGRO	IR 5/ CEYSVONY
CT 6939	CR 1113/PICO NEGRO	CAMPONI/ 1170
CT 6940	IRAT 120/KHAGLO * IR B	TOX 1780-2-1-1P-3/ (60142)
CT 6941	11744/IRAT 120	25638
CT 6942	IRAT 121/KHAGLO * IR B	TOX 1012-12-3-1-1B/ (60375)
CT 6943	IRAT 121/TOX 1011-4-2	60142
CT 6944	TOX 1010-45-1/COL 1 * M312A	60129
CT 6945	TOX 1010-45-1/COL 1 * M312A	IRAT 340-1B (60435)
CT 6946	TOX 1010-45-1/COL 1 * M312A	60142
CT 6947	TOX 1010-45-1/COL 1 * M312A	60143
CT 6948	TOX 1010-45-1/COLMB1A 1	TOX 1780-2-1-1P-4/ (60143)
CT 6949	IRAT 120/IRAT 110	TOX 1010-22-7-1B/ (60372)
CT 6950	TOX 1785-19-1B/IRAT 120	60129
CT 6951	CEYSVONI/IRAT 121	TOX 1871-38-5 (60132)
CT 6952	CEYSVONI/IRAT 121	60374
CT 6953	IRAT 121/IRAT 133	TOX 1871-38-1 (60129)
CT 6954	TOX 718-1-23/IRAT 121	60142
CT 6955	TOX 718-1-23/IRAT 121	TOX 1871-38-5 (60132)
CT 6956	TOX 718-1-23/IRAT 121	60125
CT 6957	IAC 47/IRAT 120	60125
CT 6958	IAC 47/IRAT 120	60132
CT 6959	IAC 47/IRAT 120	60129
CT 6960	IAC 47/IRAT 120	60435
CT 6961	IRAT 122/IAC 47	60435
CT 6962	TOX 1010-45-1/IRAT 122	60142
CT 6963	11373/IRAT 122	ELONI/66 375-1
CT 6964	TOX 504-26-109-1/11643	B6 90-2/DIAMANT
CT 6965	TOX 504-26-109-1/11744	IR 1529-430-3/TADUKAN
CT 6966	CICA 8/PICO NEGRO	CR 1113/CEYSVONI
CT 6967	CICA 8/PICO NEGRO	5209/CAMPONI
CT 6968	11295/IRAT 120	IR 22/TADUKAN

NOL. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 6969	TOX 1011-4-1/IRAT 122	5728/PICO NEGRO
CT 6970	11373/IRAT 122	CEYSVONI/7152
CT 6971	19953/IRAT 122	CICA 8/M.1.48
CT 6972	19953/IRAT 122	IR 5/CEYSVONI
CT 6973	TOX 1010-45-1/COL 1 * M312A	60359
CT 6974	TOX 1010-45-1/COL 1 * M312A	60132
CT 6975	TOX 1010-45-1/COL 1 * M312A	60375
CT 6976	TOX 1011-45-1/COLOMBIA 1	60142
CT 6977	TOX 1011-45-1/COLOMBIA 1	60129
CT 6978	COLOMBIA 1/IRAT 112	60143
CT 6979	IRAT 121/IAC 1246	60132
CT 6980	IRAT 121/IRAT 133	60435
CT 6981	TOX 718-1-23/IRAT 121	60129
CT 6982	IRAT 120/IAC 165	60142
CT 6983	TOX 1871-38-4/IRAT 122	60125
CT 6984	TOX 1871-38-4/IRAT 122	TOX 1177-17-16B-1CH-1P
CT 6985	MEHT NOI/IRAT 122	TOX 1790-2-1-1P-3 (60142)
CT 6986	LEMONY/IRGA 409	IR 9224-73-2-2-2-3
CT 6987	LEMONY/IRGA 410	SI-2
CT 6988	TOX 1011-4-1/SUAKOKO	16235/IRAT 120
CT 6989	25453/IRAT 120	ELONI/86 375-1
CT 6990	11373/IRAT 122	CEYSVONI/5685
CT 6991	5728/PICO NEGRO	TETEP/CICA 4
CT 6992	11295/IRAT 120	CICA 4/DIWANI
CT 6993	CICA 8/PICO NEGRO	CEYSVONI/7152
CT 6994	MEHT NOI/IRAT 122	IAC 47
CT 6995	IRAT 194-1-2-1B/IRAT 122	60142
CT 6996	TOX 1871-38-4/IRAT 122	IAC 47
CT 6997	TOX 1871-38-4/IRAT 122	60142
CT 6998	TOX 1815-34-201-201-1/IRAT 122	60069
CT 6999	MEHT NOI/IRAT 122	60141
CT 7000	IRAT 112/COL 1 X M312A	TOX 1177-17-16B-1CH-1P
CT 7001	MEHT NOI/IRAT 122	60069
CT 7002	IRAT 121/IRAT 133	60375
CT 7003	IRAT 121/IRAT 133	60359
CT 7004	IAC 47/IRAT 120	60375
CT 7005	IRAT 120/TOX 1011-4-2	60129
CT 7006	TETEP/CICA 4	16267/IRAT 122
CT 7007	CEYSVONI/7152	16267/IRAT 122
CT 7008	11292/IRAT 120	RUSTIC/TANUKAN
CT 7009	DR1113/PICO NEGRO	CEYSVONI/5685
CT 7010	5685/PICO NEGRO	CANFONI/1170
CT 7011	11744/IRAT 120	B6 402-4/COLOMBIA 1
CT 7012	TOX 891-212-2-102-2/IRAT 122	60135
CT 7013	TOX 1815-34-201-201-1/IRAT 122	60135
CT 7014	TOX 1815-34-201-201-1/IRAT 122	60125
CT 7015	TOX 1871-38-4/COL 1 X M312A	60141
CT 7016	TOX 1871-38-4/COL 1 X M312A	60125
CT 7017	IRAT 122/IAC 47	60356
CT 7018	IAC 47/IRAT 120	60372

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 7019	IAC 47/IRAT 120	60356
CT 7020	CEYSVONI/IRAT 121	60375
CT 7021	IRAT 121/RMS-107	60356
CT 7022	IRAT 120/TOX 1011-4-2	60356
CT 7023	IRAT 122/COL 1 X MS12A	60125
CT 7024	IRAT 194-1-2-1B/IRAT 122	TOX 710-AL-27-1CM-1JN
CT 7025	TOX 891-212-2-102-2/IRAT 122	TOX 710-AL-27-1CM-1JN
CT 7026	TOX 1815-34-201-201-1/IRAT 122	TOX 710-AL-27-1CM-1JN
CT 7027	TOX 1871-38-4/COL 1 X MS12A	TOX 710-AL-20-1CM-1JN
CT 7028	KHAOLO X IR B/COL 1 X MS12A	TOX 710-AL-20-1CM-1JN
CT 7029	IRAT 194-1-2-1B/IRAT 122	TOX 710-AL-20-1CM-1JN
CT 7030	LEMONT/DIAMANTE	P1369-4-16M-1-2M-4
CT 7031	IRGA 410/GUILLA 65101	SI-2
CT 7032	11373/IRAT 122	19953/TAIPEI 309
CT 7033	19953/IRAT 122	5685/TAIPEI 309
CT 7034	19953/IRAT 122	TETEP/CICA 4
CT 7035	11373/IRAT 122	88 90-2/TETEP
CT 7036	11373/IRAT 120	5685/TAIPEI 309
CT 7037	19953/IRAT 122	3210/CEYSVONI
CT 7038	5738/PICO NEGRO	IR 5/CEYSVONI
CT 7039	11643/PICO NEGRO	IRAT 124/TETEP
CT 7040	11292/IRAT 120	IR 5/CEYSVONI
CT 7041	NAKALIOKA 34/IRAT 120	TOX 500-1-112/DIMANI
CT 7042	TOX 1011-4-1/IRAT 120	5685/CICA 4
CT 7043	16267/IRAT 122	IR 5/CEYSVONI
CT 7044	11373/IRAT 122	11373/TAIPEI 309
CT 7045	TOX 1011-4-1/IRAT 120	CR1113/PICO NEGRO
CT 7046	IRAT 194-1-2-1B/COL 1 X MS12A	TOX 710-AL-11-1CM-1JN
CT 7047	25453/IRAT 120	COL 1 X MS12A
CT 7048	IRAT 122/IAC 47	60132
CT 7049	11373/IRAT 122	25702
CT 7050	NAKALIOKA 34/IRAT 120	60129
CT 7051	IRAT 120/KHAOLO X IR 8	60129
CT 7052	TOX 1815-34-201-201-1/COL 1 X MS12A6	60135
CT 7053	TOX 1010-24-2-1-18/COL1 X MS12A6	60135
CT 7054	TOX 1780-2-1-1P-4/IRAT 122	60135
CT 7055	TOX 1871-38-4/IRAT 122	60135
CT 7056	11292/IRAT 120	CICA 9
CT 7057	11292/IRAT 120	19953
CT 7058	IRAT 120/TOX 500-1-112	60356
CT 7059	IRAT 122/IAC 47	60372
CT 7060	IRAT 121/IRAT 110	60356
CT 7061	IRAT 121/TOX 1011-4-2	60125
CT 7062	IRAT 120/TOX 1011-4-2	60375
CT 7063	IR 19743-25-2-2-3-1	GUILLA 65101
CT 7064	P1390-1-1M-2-1B	LEMONT
CT 7065	LEMONT/IRGA 410	IR 19743-25-2-2-3-1
CT 7066	LEMONT/IRGA 409	P1409-6-8M-4-1B
CT 7067	DIAMANTE/IRGA 410	IR 19743-25-2-2-3-1
CT 7068	TOX 1011-4-1/IRAT 120	5685/PICO NEGRO

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 7069	TOX 1011-4-1/IRAT 120	5738/CICA 4
CT 7070	5738/ PICO NEGRO	TETEP/CICA 4
CT 7071	11744/IRAT 120	CR 1113/PICO NEGRO
CT 7072	6850/TOX 1011-4-1	COLOMBIA 1/TOX 1011-4-1
CT 7073	25453/IRAT 120	IR 5/CAMPONI
CT 7074	25453/IRAT 120	COLOMBIA 1/CR 1113
CT 7075	TOX 1011-4-1/11643	25453/IRAT 120
CT 7076	11292/IRAT 120	5738/CICA 4
CT 7077	TOX 1010-45-1/COL 1 X NS12A	60356
CT 7078	TOX 1790-2-1-1P-3/COL 1 X NS12A	60135
CT 7079	TOX 1790-2-1-1P-3/COL 1 X NS12A	TOX 1177-32
CT 7080	KHAOLD X IR 8/COL 1 X NS12A	TOX 1177-32
CT 7081	COL 1 X NS12A/IRAT 194-1-2-1B	60122
CT 7082	TOX 1010-24-2-1-1B/COL 1 X NS12A	TOX 1177-32
CT 7083	IRAT 120/TOX 1011-4-2	60374
CT 7084	11295/IRAT 120	IR 5/DEYSVONY
CT 7085	86 402-4/PICO NEGRO	IRAT 124/TETEP
CT 7086	11292/IRAT 120	CICA 4/DIMANI
CT 7087	11373/IRAT 120	5738/PICO NEGRO
CT 7088	11373/IRAT 122	TETEP/CICA 4
CT 7089	19953/IRAT 122	CAMPONI/1170
CT 7090	CAMPONI/IRAT 120	5685/PICO NEGRO
CT 7091	TOX 1011-4-1/IRAT 122	5685/PICO NEGRO
CT 7092	5685/PICO NEGRO	CICA 4/DIMANI
CT 7093	TOX 95/IRAT 120	5738/PICO NEGRO
CT 7094	TOX 500-1-112-1/11744	BL 562-2/IRAT 120
CT 7095	11373/IRAT 120	TETEP/CICA 4
CT 7096	5728/KACHSUNG 180	26235/IRAT 120
CT 7097	COLOMBIA 1/KHAOLD * IR B	TOX 1871-38-2 (60129)
CT 7098	IRAT 120/TOX 1011-4-2	TOX 1010-22-7-1B (60372)
CT 7099	IRAT 121/TOX 1011-4-2	TOX 1871-38-2 (60129)
CT 7100	TOX 1010-45-1/COL 1 * NS12A	TOX 1010-22-7-1B (60372)
CT 7101	IRAT 120/IRAT 110	TOX 1790-2-1-1P-3 (60142)
CT 7102	DEYSVONI/COL 1 * NS12A	TOX 1010-24-6-1B (60374)
CT 7103	IAC 47/IRAT 120	TOX 936-81-3-5-201-1B (60359)
CT 7104	IAC 47/IRAT 120	TOX 1010-24-6-1B (60374)
CT 7105	TOX 1871-38-4/IRAT 122	TOX 718-AL-20-1CM-13N
CT 7106	TOX 1790-2-1-1P-4/IRAT 122	TOX 1837-103-4 (60125)
CT 7107	KHAOLD X IR-8/COL 1 X NS12A	TOX 1177-17-16-B-1-CH-1P
CT 7108	KHOLD/COL 1 X NS12A	TOX 718-AL-27-1CM-13N
CT 7109	TOX 1815-34-201-201-1/IRAT 122	IAC 47
CT 7110	TOX 1815-34-201-201-1/IRAT 122	TOX 718-AL-20-1CM-13N
CT 7111	TOX 891-212-2-102-2/IRAT 122	TOX 718-AL-20-1CM-13N
CT 7112	TOX 891-212-2-102-2/IRAT 122	TOX 1177-32 (UP 714)
CT 7113	IRAT 120/TOX 1011-4-2	TOX 1815-34-201-201-1 (60435)
CT 7114	IRAT 120/TOX 1011-4-2	TOX 936-81-3-5-201-1B (60359)
CT 7115	TOX 718-AL-11-1CM-13U/IRAT 120	TOX 1871-38-2 (60129)
CT 7116	TOX 718-AL-11-1CM-13U/IRAT 120	TOX 1790-2-1-1P-3 (60142)
CT 7117	TOX 1010-45-1/COL 1 * NS12A	TOX 1010-24-6-1B (60374)
CT 7118	TOX 1871-38-4/COL 1 X NS12A	TOX 2083/1943-1-1P-1B (60069)

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 7219	KU 26/COL 1 X MS12A	TOX 1177-32 (UP 714)
CT 7220	IRGA 410/DIAMANTE	P 2015-F4-66-1B-1B
CT 7221	LEMONT/QUILLA 66304	SI-2
CT 7222	DIAMANTE/P1390-1-1M-2-1B	BR IRGA 410
CT 7223	LEMONT/DIAMANTE	SI-2
CT 7224	QUILLA 66304/IR 9224-73-2-2-2-3	BR IRGA 410
CT 7225	LEMONT/QUILLA 66304	P 1897-15-1-4-1-1B-1B (7152)
CT 7226	IRGA 410/QUILLA 65101	IR 9224-73-2-2-2-3
CT 7227	LEMONT/IR 9224-73-2-2-2-3	BR IRGA 410
CT 7228	IRGA 409/LEMONT	SI-2
CT 7229	LEMONT/QUILLA 66304	BG 374-1
CT 7230	IRGA 410/IR 19743-25-2-2 -3-1	P 3085-F4-54
CT 7231	IRAT 122/NGOVIE	TOX 500-1-112-1/DIMANI
CT 7232	TOX 1010-45-1/COL 1 X MS12A	IRAT 122/IAC 47
CT 7233	TOX 1011-4-1/IRAT 120	ORYZICA-1/PICO NEGRO
CT 7234	TOX 1011-4-1/IRAT 120	CICA-B/PICO NEGRO
CT 7235	TOX 1011-4-1/IRAT 120	11292/IRAT 120
CT 7236	11373/IRAT 120	ORYZICA 1/CICA 4
CT 7237	TOX 1815-34-201-201-1/COL 1 X MS12A	TOX 1177-32/UP 714
CT 7238	TOX 1780-2-1-1P-3/COL 1 X MS12A	TOX 718-AL-20-1CM-1JN
CT 7239	MEHT NG1/COL 1 X MS12A	TOX 718-AL-27-1CM-1JN
CT 7240	TOX 1780-2-1-1P-4/IRAT 122	TOX 718-AL-27-1CM-1JN
CT 7241	TOX 1780-2-1-1P-4/COL 1 X MS12A	TOX 718-AL-27-1CM-1JN
CT 7242	TOX 1780-2-1-1P-4/COL 1 X MS12A	TOX 718-AL-27-1CM-1JN
CT 7243	TOX 1780-2-1-1P-4/IRAT 122	IAC 47
CT 7244	TOX 1780-2-1-1P-4/COL 1 X MS12A	IAC 47
CT 7245	IRAT 120/KHADLO * IR B	TOX 1837-103-4 (60125)
CT 7246	IRAT 120/TOX 1011-4-2	TOX 1780-2-1-1P-3 (60142)
CT 7247	TOX 718-AL-11-1CM-1JU/IRAT 120	TOX 1837-103-4 (60125)
CT 7248	TOX 1785-19-18/IRAT 120	TOX 936-81-3-5-201-1B (60359)
CT 7249	IRAT 121/IAC 1246	TOX 936-81-3-5-201-1B (60359)
CT 7250	IRAT 121/IAC 1246	TOX 1010-24-6-1B (60374)
CT 7251	TOX 718-1-23/IRAT 121	TOX 1012-12-3-1-1B (60375)
CT 7252	MAKALIONA 34/IRAT 120	TOX 891-212-2-102-2-101 (60356)
CT 7253	IRAT 122/NGOVIE	TOX 1837-103-4 (60125)
CT 7254	IRAT 122/NGOVIE	TOX 1871-38-1 (60129)
CT 7255	IRAT 122/NGOVIE	TOX 1815-34-201-201-1 (60435)
CT 7256	IRAT 122/NGOVIE	TOX 1010-24-6-1B (60374)
CT 7257	IRAT 122/IAC 47	TOX 1837-103-4 (60125)
CT 7258	IRAT 122/IAC 47	TOX 936-81-3-5-201-1B (60359)
CT 7259	TOX 1010-45-1/IRAT 122	TOX 1010-24-6-1B (60374)
CT 7260	TOX 1871-38-4/IRAT 122	TOX 2083/1943-1-1P-1B (60069)
CT 7261	TOX 1780-2-1-1P-3/COL 1 X MS12A	TOX 1837-103-4 (60125)
CT 7262	KHADLO X IR-B/COL 1 X MS12A	TOX 1837-103-4 (60125)
CT 7263	KHADLO X IR-B/IRAT 122	TOX 1837-103-4 (60125)
CT 7264	KHADLO X IR-B/IRAT 122	TOX 1871-15-1 (60135)
CT 7265	IRAT 194-1-2-1B/COL 1 X MS12A	TOX 1871-15-1 (60135)
CT 7266	IRAT 194-1-2-1B/IRAT 122	TOX 1871-15-1 (60135)
CT 7267	TOX 1815-34-201-201-1/COL 1 X MS12A	TOX 2083/1943-1-1P-1B (60069)
CT 7268	TOX 1815-34-201-201-1/COL 1 X MS12A	TOX 1780-2-1-1P (2)

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 7269	MEHT N01/COL 1 X M312A	TOX 2083/1943-1-1P-1B (60069)
CT 7270	MEHT N01/COL 1 X M312A	TOX 1871-15-1 (60135)
CT 7271	MEHT N01/COL 1 X M312A	TOX 1780-2-1-1P-3 (60142)
CT 7272	MEHT N01/IRAT 122	TOX 1837-103-4 (60125)
CT 7273	KU 28/IRAT 122	TOX 1780-2-1-1P-3 (60142)
CT 7274	TOX 718-AL-27-CM-JM/COL 1 X M312A	TOX 1837-103-4 (60125)
CT 7275	KU 28/IRAT 122	TOX 1871-15-1 (60135)
CT 7276	IRAT 112	IRAT 120
CT 7277	TOX 1780-2-3-201-1	IRAT 120
CT 7278	IRAT 13/056-AL-1CM	IRAT 120
CT 7279	BR 51-282-B	IRAT 120
CT 7280	TOX 1010-22-7-1B	IRAT 120
CT 7281	TOX 1871-15-1	IRAT 120
CT 7282	TOX 906-2-1-202-2-4-1B	IRAT 120
CT 7283	NGOVIE	IRAT 120
CT 7284	TOX 1010-49-1	IRAT 120
CT 7285	M 55	IRAT 120
CT 7286	TOX 956-108-2-1B	IRAT 120
CT 7287	TOX 1780-2-3-201-2	IRAT 120
CT 7288	TOX 936-81-3-5-201-1B	IRAT 120
CT 7289	TOX 1859-102-3P	IRAT 120
CT 7290	TOX 1859-102-3T	IRAT 120
CT 7291	TOX 939-107-2-101-1-1B	IRAT 120
CT 7292	TOX 1859-102-5P	IRAT 120
CT 7293	TOX 1859-102-5T	IRAT 120
CT 7294	TOX 936-81-6-3-18S-1B	IRAT 120
CT 7295	TOX 1780-2-3-201-1	COL 1 / M312A
CT 7296	TOX 1859-102-4	IRAT 120
CT 7297	TOX 1871-38-1	IRAT 120
CT 7298	TOX 1010-45-1-1	COL 1 / M312A
CT 7299	TOX 1871-15-1	COL 1 / M312A
CT 7300	TOX 1858-91-201-1B	IRAT 120
CT 7301	TOX 1859-102-4	COL 1 / M312A
CT 7302	TOX 1768-1-2-1	IRAT 120
CT 7303	QUILLA 66304/IR 19743-25-2-2 -3-1	BR IRGA 410
CT 7304	P1390-1-1M-2-1B/QUILLA 65101	BR IRGA 410
CT 7305	IR 19743-25-2-2-3-1/DIAMANTE	BR IRGA 410
CT 7306	IRGA 410/IR 19743-25-2-2 -3-1	IR 52 (IR 5853-118-5)
CT 7307	LEMONT/IR 19743-25-2-2-3-1	IR 52 (IR 5853-118-5)
CT 7308	P 3085 F4-54/IR 19743-25-2-2-3-1	IR 52 (IR 5853-118-5)
CT 7309	LEMONT/ SI-2	P 3085-F4-54
CT 7310	TOX 1010-45-1/COL 1 * M312A	TOX 1837-103-4 (60125)
CT 7311	IRAT 120/IRAT 110	TOX 1837-103-4 (60125)
CT 7312	TOX 1785-19-18/IRAT 120	TOX 1871-38-5 (60132)
CT 7313	TOX 1785-19-18/IRAT 120	TOX 1780-2-1-1P-3 (60142)
CT 7314	TOX 1785-19-18/IRAT 120	TOX 891-212-2-102-2-101 (60356)
CT 7315	IRAT 121/IAC 1246	TOX 1815-34-201-201-1 (60435)
CT 7316	TOX 718-1-23/IRAT 121	TOX 891-212-2-102-2-101 (60356)
CT 7317	TOX 718-1-23/IRAT 121	TOX 936-81-3-5-201-1B (60359)
CT 7318	IRAT 122/NGOVIE	TOX 891-212-2-102-2-101 (60356)

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 7319	TOX 1780-2-1-1P-4/COL 1 X M312A	TOX 1837-103-4 (60125)
CT 7320	KHAOLO X IR-8/COL 1 X M312A	TOX 2083/1943-1-1P-1B (60069)
CT 7321	KHAOLO X IR-8/IRAT 122	TOX 1780-2-1-1P (2)
CT 7322	TOX 1010-24-2-1-1B/COL 1 X M312A	TOX 2083/1943-1-1P-1B (60069)
CT 7323	TOX 1010-24-2-1-1B/IRAT 122	TOX 1837-103-4 (60125)
CT 7324	TOX 1010-24-2-1-1B/IRAT 122	TOX 1780-2-1-1P-3 (60142)
CT 7325	TOX 1815-34-201-201-1/COL 1 X M312A	TOX 1837-103-4 (60125)
CT 7326	TOX 1815-34-201-201-1/COL 1 X M312A	TOX 1780-2-1-1P-3 (60142)
CT 7327	MEHT MD1/COL 1 X M312A	TOX 1837-103-4 (60125)
CT 7328	MEHT MD1/COL 1 X M312A	TOX 1780-2-1-1P (2)
CT 7329	11219/TAICHUNG 176	P 2060 F7-14906-2 (17406)
CT 7330	25651/COLUMBIA 1	TOX 1011-4-1
CT 7331	COL 1 /M312A/IRAT 124	TOX 1011-4-1
CT 7332	IRAT 120/TOX 504-26-109-1	TAPURIPA MUTANTE 243 (17141)
CT 7333	IRAT 126/IRAT 112	TOX 1780-2-1-1P-3 (60142)
CT 7334	IRAT 122/IAC 47	TOX 1780-2-1-1P-4 (60143)
CT 7335	TOX 1011-4-1/IRAT 120	P 2054 F4-26-4 (UP 1095)
CT 7336	DRYZICA1	IRAT 120
CT 7337	DRYZICA 1	COL 1/M312A/74-2-8-8
CT 7338	UP 1588	DRYZICA 1
CT 7339	UP 1588	IRAT 120
CT 7340	11295	DRYZICA 1
CT 7341	17719	IRAT 120
CT 7342	B170	IRAT 120
CT 7343	B170	DRYZICA 1
CT 7344	TOX 1766-4-B-201-1B	IRAT 120
CT 7345	TOX 1815-34-201-201-10	IRAT 120
CT 7346	TOX 1815-34-201-201-10	5685
CT 7347	17719	DRYZICA 1
CT 7348	16664	IRAT 120
CT 7349	16664	DRYZICA 1
CT 7350	7639	IRAT 120
CT 7351	7042	IRAT 120
CT 7352	TOX 1766-4-B-201-1B	5685
CT 7353	18420	5685
CT 7354	18420	DRYZICA 1
CT 7355	18420	IRAT 120
CT 7356	UP 1588 up 1578	5685
CT 7357	IP 1588 up 1578	IRAT 120
CT 7358	25592	DRYZICA 1
CT 7359	P 1369-4-16-H-1-20-4	IRGA 410/QUILLA 65101
CT 7360	BR IRGA 410	P1897-15-14-1/QUILLA 65101
CT 7361	P 2015 F4-66-1B-1B	IRGA 410/QUILLA 65101
CT 7362	QUILLA 65101/B6 374-1	BR IRGA 410
CT 7363	P 3085-	IR 5853-118-5/IR 19743-25-2-2-3-1
CT 7364	IRGA 410/DIAMANTE	SI-2
CT 7365	LEMONT/P 1897-15-1-4-1-1B	BR IRGA 410
CT 7366	LEMONT/ SI-2	IR 19743-25-2-2-3-1
CT 7367	LEMONT/ SI-2	BR IRGA 410
CT 7368	11373/TAIPEI 309	B6 402-4/PICO NEGRO

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 7369	IRAT 120/TOX 1011-4-2	TOX 1837-103-4 (60125)
CT 7370	IRAT 120/TOX 1011-4-2	TOX 1871-38-5 (60132)
CT 7371	TOX 1010-24-2-1-1B/COL 1 X M312A	TOX 1177-17-16-8-1-CH-1P
CT 7372	IRAT 120/IRAT 110	TOX 1871-38-5 (60132)
CT 7373	KHAOLD X IR-8/COL 1 X M312A	IAC 47
CT 7374	KHAOLD X IR-8/COL 1 X M312A	TOX 1780-2-1-1P-3 (60142)
CT 7375	IRAT 194-1-2-1B/COL 1 X M312A	TOX 718-AL-20-1CM-1JN
CT 7376	TOX 1010-24-2-1-1B/COL 1 X M312A	IAC 47
CT 7377	TOX 1010-24-2-1-1B/COL 1 X M312A	TOX 718-AL-27-1CM-1JN
CT 7378	TOX 1010-24-2-1-1B/COL 1 X M312A	TOX 1780-2-1-1P (2)
CT 7379	TOX 1010-24-2-1-1B/IRAT 122	TOX 1780-2-1-1P (2)
CT 7380	TOX 1815-34-201-201-1/COL 1 X M312A	TOX 718-AL-20-1CM-1JN
CT 7381	MEHT NOI/COL 1 X M312A	IAC 47
CT 7382	KU 28/IRAT 122	TOX 1837-103-4 (60125)
CT 7383	CAMPONI/IRAT 120	IAC 164
CT 7384	TOX 718-1-23/IRAT 121	COL 1/M312A/74-2-8-8
CT 7385	BR IRGA/GUILLA 65101	86 374-1
CT 7386	BR IRGA 410/DIAMANTE	P 1336-1-3M-2-1B
CT 7387	BR IRGA 410/DIAMANTE	P 1390-1-1M-2-1B
CT 7388	TOX 1011-4-1/IRAT 120	5728/PICO NEGRO
CT 7389	TOX 1011-4-1/IRAT 122	5738/PICO NEGRO
CT 7390	RESISTENTE SEQUIA/IRAT 122	TOX 718/AL-11-1CM-1JU
CT 7391	TOX 1177-17-6-8-1-CH1P/IRAT 122	TOX 891-212-2-102-2-101 (60356)
CT 7392	TOX 1010-49-1/COL-1X-M-312-A/74-2-8-8	TOX 1780-2-1-1P (2)
CT 7393	L 201/TOX 718/AL-11-1	TOX 891-212-2-102-2-101 (60356)
CT 7394	KHAOLD X IR-8/IRAT 122	TOX 2083/1943-1-1P-1B (60069)
CT 7395	BR 51-282-8/COL 1 / M312A	TOX 891-212-2-102-2-101 (60356)
CT 7396	RMS 107-2-1-2TB-1JM/IRAT 122	TOX 718/AL-11-1CM-1JU
CT 7397	IRAT 122/NGOVIE	TOX 936-81-3-5-201-1B (60359)
CT 7398	TOX 1010-22-7-1/COL 1 / M312A-74-2-8-8	TOX 718/AL-11-1CM-1JU
CT 7399	TOX 1010-49-1/IRAT 122	TOX 718/AL-11-1CM-1JU
CT 7400	KHAOLD X IR-8/IRAT 122	IAC 47
CT 7401	RESISTENTE SEQUIA/IRAT 122	TOX 891-212-2-102-2-101 (60356)
CT 7402	IRAT 156/IRAT 122	IAC 47
CT 7403	TOX 1010-49-1/IRAT 122	TOX 891-212-2-102-2-101 (60356)
CT 7404	IRAT 156/IRAT 122	TOX 891-212-2-102-2-101 (60356)
CT 7405	M 18/IRAT 122	TOX 718/AL-11-1CM-1JU
CT 7406	TOX 1785-19-18/IRAT 122	TOX 891-212-2-102-2-101 (60356)
CT 7407	BR 51-282-8/COL 1 / M312A	TOX 1871-38-2 (60129)
CT 7408	IRAT 13 / OS6-AL-1-1-1/IRAT 122	TOX 891-212-2-102-2-101 (60356)
CT 7409	TOX 1780-2-1-1P-4/COL 1 X M312A	TOX 1177-32 (UP 714)
CT 7410	KU 28/IRAT 122	TOX 1177-32 (UP 714)
CT 7411	TOX 906-2-1-202-2/COL 1 / M312A	TOX 1871-38-1 (60129)
CT 7412	TOX 1010-22-7-1B/COL 1 / M312A-74-2-8-8	TOX 1780-2-1-1P (2)
CT 7413	TOX 1780-2-3-201-1/COL 1 X M312A	IAC 165
CT 7414	TOX 1859-102-5M/IRAT 122	TOX 1780-2-3-201-2 (60157)
CT 7415	TOX 939-107-2-101-1-1B/ COL 1 X M312A	TOX 1780-2-1-1P-4 (60143)
CT 7416	TOX 1859-102-5M/IRAT 122	TOX 891-212-2-102-2-101 (60356)
CT 7417	TOX 718/AL-20-1/IRAT 122	TOX 891-212-2-102-2-101 (60356)
CT 7418	TOX 718/AL-27-1-CH/COL 1 / M312A	TOX 1780-2-1-1P-3 (60142)

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 7419	IRAT 13 056-AL-1-1-1/COL 1 / M312A	TOX 718/AL-11-1CM-1JU
CT 7420	TOX 1871-15-1/COLOMBIA 1	TOX 718/AL-11-1CM-1JU
CT 7421	IRAT 13 056-AL-1-1-1/COL 1 / M312A	TOX 891-212-2-102-2-101 (60356)
CT 7422	NGOVIE/COL-1X-M-312-A/74-2-8-8	TOX 891-212-2-102-2-101 (60356)
CT 7423	TOX 1871-15-1/COLOMBIA 1	TOX 891-212-2-102-2-101 (60356)
CT 7424	IRAT 194-1-2-8/COL 1 / M312A	TOX 891-212-2-102-2-101 (60356)
CT 7425	RHS 107-2-1-2TB-1JM/IRAT 122	TOX 891-212-2-102-2-101 (60356)
CT 7426	TOX 718/AL-11-1/COL 1 / M312A	TOX 1871-38-4 (60131)
CT 7427	TOX 1780-2-3-201-1/COL 1 X M312A	TOX 1785-19-18
CT 7428	TOX 1010-22-7-16/COL 1 X M312A	TOX 891-212-2-102-2-101 (60356)
CT 7429	TOX 956-109-2-18/COL 1 X M312A	TOX 1780-2-1-1P-5 (60144)
CT 7430	IRAT 194-1-2-8/IRAT 122	TOX 718/AL-11-1CM-1JU
CT 7431	TOX 936-81-3-5-201-18/COL 1 X M312A	IAC 165
CT 7432	TOX 1010-49-1/COL-1X-M-312-A/74-2-8-8	TOX 891-212-2-102-2-101 (60356)
CT 7433	TOX 956-109-2-18/COL 1 X M312A	TOX 1780-2-3-201-2 (60167)
CT 7434	RHS 107-2-1-2TB-1JM/IRAT 122	IAC 47
CT 7435	IRAT 194-1-2-8/IRAT 122	TOX 891-212-2-102-2-101 (60356)
CT 7436	TOX 1859-102-3/IRAT 122	TOX 718/AL-11-1CM-1JU
CT 7437	TOX 1859-102-3/IRAT 122	TOX 891-212-2-102-2-101 (60356)
CT 7438	TOX 718/AL-11-1-CM/COL 1 / M312A	TOX 891-212-2-102-2-101 (60356)
CT 7439	TOX 956-109-2-18/COL 1 X M312A	TOX 891-212-2-102-2-101 (60356)
CT 7440	TOX 718/AL-27-1CM-1/IRAT 122	TOX 891-212-2-102-2-101 (60356)
CT 7441	TOX 891-212-2-102-2-101/COL 1 X M312A	IAC 165
CT 7442	TOX 891-212-2-102-2-101/COL 1 X M312A	IAC 1246
CT 7443	18732-2/COL 1 X M312A	TOX 891-212-2-102-2-101 (60356)
CT 7444	IAC 47	TOX 1177-17-6-8-1-CHIP/COL 1/M312A-
CT 7445	TOX 1780-2-1-1P (4)/COL-1X-M-312-A/74-2-	BTDX 891-212-2-102-2-101 (60356)
CT 7446	TOX 906-2-1-202-2/COL 1 / M312A	TOX 1780-2-1-1P (2)
CT 7447	TOX 718/AL-27-1-1/COL 1 / M312A	COL 1/M312A/74-2-8-8
CT 7448	TOX 939-107-2-101-1-18/COL 1 X M312A	IAC 1246
CT 7449	RHS 109-107-2-1-2/IRAT 122	TOX 1780-2-3-201-2 (60167)
CT 7450	RHS 107-2-1-2/IRAT 122	IAC 1246
CT 7451	TOX 1010-22-7-18/COLOMBIA 1	TOX 891-212-2-102-2-101 (60356)
CT 7452	TOX 718/AL-27-1CM/COL 1 / M312A	TOX 891-212-2-102-2-101 (60356)
CT 7453	TOX 1177-17-6-8-1-CHIP/COL 1/ M312A/74 4	-TOX 891-212-2-102-2-101 (60356)
CT 7454	TOX 891-212-2-102-2-101/COL 1 X M312A	TOX 718/AL-11-1CM-1JU
CT 7455	TOX 956-109-2-18/COL 1 X M312A	TOX 718/AL-11-1CM-1JU
CT 7456	TOX 718/AL-20-1/IRAT 122	IAC 47
CT 7457	TOX 1010-49-1-1/COL 1 X M312A-74-2-8-8	TOX 1780-2-3-201-2
CT 7458	TOX 956-109-2-18/COLOMBIA 1	TOX 891-212-2-102-2-101
CT 7459	TOX 1010-22-7-16/IRAT 122	TOX 891-212-2-102-2-101
CT 7460	TOX 1010-22-7-16/IRAT 122	TOX 718-AL-11-1CM-1JU
CT 7461	NGOVIE/COL 1 X M312A	TOX 956-109-2-18 (60369)
CT 7462	TOX 77-32/COL 1 X M312A	TOX 891-212-2-102-2-101
CT 7463	TOX 1780-5-7/COL 1 X M312A	TOX 718-AL-11-1CM-1JU
CT 7464	TOX 956-109-2-18/COLOMBIA 1	TOX 1871-38-1 (60128)
CT 7465	18732-2/COL 1 X M312A	TOX 1768-1-2-3
CT 7466	TOX 1010-49-1/COL-1X-M-312-A-74-2-8-8	TOX 1768-1-2-3
CT 7467	TOX 939-107-2-101-1-18/COLOMBIA 1	TOX 718-AL-11-1CM-1JU
CT 7468	TOX 936-81-3-5-201-18/COLOMBIA 1	IAC 47

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 7469	ITA 133/COL-1X-M-312-A-74-2-B-B	TOX 891-212-2-102-2-101
CT 7470	TOX 1780-5-7/COL 1 X MS12A	TOX 891-212-2-102-2-101
CT 7471	ITA 133/COL-1X-M-312-A-74-2-B-B	TOX 1871-38-1 (60128)
CT 7472	L 201/TOX 718-AL-11-1CM	COL 1X MS12A-74-2-B-B
CT 7473	TOX 1780-5-7/IRAT 122	TOX 891-212-2-102-2-101
CT 7474	TOX 1780-5-7/COL 1 X MS12A	IAC 47
CT 7475	TOX 1780-5-7/COL 1 X MS12A	TOX 1780-2-3-201-2 (60167)
CT 7476	TOX 1859-102-5/IRAT 122	TOX 1871-38-4 (60131)
CT 7477	IRAT 194-1-2-B/IRAT 122	TOX 1871-38-4 (60131)
CT 7478	TOX 1177-17-16-B-1-CHIP/COL-1X-M-312-A-7	4TOX 718-AL-11-1CM
CT 7479	18732-2/COL 1 X MS12A	TOX 718-AL-11-1CM-1JU
CT 7480	TOX 936-81-3-5-201-1B/COLOMBIA 1	TOX 718-AL-27-1CM-1JM
CT 7481	IRAT 194-1-2-B/IRAT 122	TOX 1871-15-2
CT 7482	IRAT 194-1-2-1B/COLOMBIA 1	TOX 718-AL-11-1CM-1JU
CT 7483	IRAT 194-1-2-1B/COLOMBIA 1	TOX 1837-103-4 (60125)
CT 7484	ITA 133/COLOMBIA 1	TOX 891-212-2-102-2-101
CT 7485	TOX 1859-102-5/IRAT 122	TOX 718-AL-11-1CM-1JU
CT 7486	IRAT 194-1-2-1B/COLOMBIA 1	IAC 1246
CT 7487	IRAT 121/IAC 1246	TOX 891-212-2-102-2-101
CT 7488	IRAT 194-1-2-B/IRAT 122	TOX 1780-2-3-201-2/ (60167)
CT 7489	QUILLA 66304/P1409-6-8M-4-1B	BR IRGA 410
CT 7490	IR 9224/QUILLA 65101	BR IRGA 410
CT 7491	P2015F4-66-1B-1B/QUILLA 65101	BR IRGA 410
CT 7492	DIAMANTE/BG 374-1	BR IRGA 410
CT 7493	11292/IRAT 120	IR 521R 5853-118-5)
CT 7494	QUILLA 65101/S1-2	BR IRGA 410
CT 7495	ITA 133/COL-1X-M-312-A-74-2-B-B	TOX 1871-15-2
CT 7496	ITA 133/COL-1X-M-312-A-74-2-B-B	TOX 1780-2-3-201-2 (60167)
CT 7497	KJ 28/IRAT 122	TOX 718-AL-20-1CM-1JM
CT 7498	TOX 718-AL-11-1/COL 1 X MS12A	TOX 956-109-2-1B
CT 7499	L 201/TOX 718-AL-11-1	TOX 1871-38-4 (60131)
CT 7500	TOX 1010-49-1/IRAT 122	TOX 1871-38-4 (60131)
CT 7501	ITA 133/COL-1X-M-312-A-74-2-B-B	TOX 718-AL-11-1CM-1JU
CT 7502	TOX 1785-19-18/IRAT 120	TOX 1815-34-201-201-1
CT 7503	IRAT 121/IAC 1246	TOX 1780-2-1-1P-3
CT 7504	TOX 1010-22-7-16/COL 1 X MS12A	TOX 956-109-2-1B
CT 7505	TOX 1780-2-1-1P (4)/COL-1X-M-312-A-74-2-	ETDX 956-109-2-1B
CT 7506	KJ 28/IRAT 122	TOX 718-AL-27-1CM-1JM
CT 7507	TOX 718-AL-27-1-1/COL 1 X MS12A	IAC 47
CT 7508	TOX 718-AL-27-1-1/COL 1 X MS12A	TOX 1871-38-1 (60128)
CT 7509	TOX 718-AL-27-1-1/COL 1 X MS12A	TOX 956-109-2-1B (60369)
CT 7510	TOX 1010-22-7-16/IRAT 122	TOX 1780-2-3-201-2 (60167)
CT 7511	ITA 133/COLOMBIA 1	1TOX 956-109-2-1B
CT 7512	TOX 1780-2-1-1P (4)/IRAT 122	TOX 1871-38-4 (60131)
CT 7513	TOX 718-AL-27-1-1/COLOMBIA 1	TOX 956-109-2-1B
CT 7514	TOX 718-AL-20-1/IRAT 122	TOX 718-AL-27-1CM-1JM
CT 7515	TOX 718-AL-20-1/IRAT 122	TOX 718-AL-11-1CM-1JU
CT 7516	TOX 718-AL-11-1CM/COL 1 X MS12A	TOX 1871-15-2 (60136)
CT 7517	TOX 718-AL-11-1CM/COL 1 X MS12A	TOX 1780-2-3-201-2 (60167)
CT 7518	L 201/TOX 718-AL-11-1CM	TOX 1780-2-3-201-2 (60167)

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 7519	IRAT 194-1-2-B/COL 1 X M312A	TOX 1871-38-4(60131)
CT 7520	IRAT 194-1-2-B/COL 1 X M312A	TOX 1871-15-2(60136)
CT 7521	TOX 1010-24-2-1-1B/COL 1 X M312A	TOX1837-103-4(60125)
CT 7522	CICA 8	IRAT 120
CT 7523	CAMPECHE 80	IRAT 120
CT 7524	CICA 8	CAMPECHE A-80
CT 7525	QUILLA 66304/P2015 F4-66-1B-1B	BR IRGA 410
CT 7526	11373/TAIPEI 309	19953/IRAT 122
CT 7527	IR 1529-430-3/MONDLAYA	19953/IRAT 122
CT 7528	CICA 4/DIMANI	16267/IRAT 122
CT 7529	17361/IRAT 122	P2054 F4-26-4(UP 1095)
CT 7530	17361/IRAT 120	P2231 F4-138-6-2-1 (25702)
CT 7531	17361/TAICHUNG 176	16267/IRAT 122
CT 7532	TOX 1010-45-1/IRAT 122	TOX 1837-103-4(60125)
CT 7533	17100/IRAT 110	IRAT 121
CT 7534	NGOVIE/IRAT 124	CAMPONI
CT 7535	NGOVIE/IRAT 124	IAC 165
CT 7536	NGOVIE/IRAT 124	KHADLO X IR 8
CT 7537	NGOVIE/IRAT 124	CEYVONI
CT 7538	NGOVIE/IRAT 124	TOS 5790
CT 7539	IRAT 120/TOX 504-26-109-1	CEYVONI
CT 7540	IRAT 120/TOX 504-26-109-1	COL 1X M312A-74-2-8-B
CT 7541	IRAT 120/TOX 504-26-109-1	IAC 165
CT 7542	IRAT 120/TOX 504-26-109-1	KHADLO X IR 8
CT 7543	IRAT 120/TOX 504-26-109-1	TOS 1369
CT 7544	CAMPONI/COL 1 X M312A	M.L.48 MUTANTE 4(17468)
CT 7545	CAMPONI/IRAT 120	TOX 504-26-109-1-1-P
CT 7546	CAMPONI/IRAT 120	TOX 718-1-23
CT 7547	COL 1 X M312A/IRAT 124	IAC 1246
CT 7548	COL 1 X M312A/IRAT 124	TOS 1785
CT 7549	16404/IRAT 120	P 2189 F4-64-1(15843)
CT 7550	CR 1113	23916/IRAT 120
CT 7551	23916/IRAT 120	METICA 1 (5006)
CT 7552	25453/IRAT 120	TOX 95-M
CT 7553	IR 46/IRAT 120	METICA 1 (5006)
CT 7554	IRAT 121/26201	P 2015 F4-148-5(11373)
CT 7555	25969/IRAT 122	P 2057 F4-88-3-1 (17388)
CT 7556	25969/IRAT 122	P 2015 F4-148-5 (11373)
CT 7557	TOX 95/11643	16252
CT 7558	KAOHSIUNG 180/CICA 8	16280
CT 7559	5685/COLUMBIA 1	CR 1113
CT 7560	11295/TAICHUNG 176	CAMPECHE A-80
CT 7561	11295/TAICHUNG 176	P 2060 F7-1496-2(17406)
CT 7562	11295/TAICHUNG 176	P1274-6-84-1-34-1(5685)
CT 7563	5685/TAICHUNG 176	CR 1113
CT 7564	16280/TAIPEI-309	16280
CT 7565	11373/TAIPEI 309	CICA 8
CT 7566	11295/TAIPEI 309	CICA 8
CT 7567	11295/TAIPEI 309	DRYZICA 1
CT 7568	11219/TAIPEI 309	CR 1113

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CT 7569	6850/KACHSIUNG 180	BL 562-2
CT 7570	TOX 504-26-109-1/11643	COLOMBIA 1/17354
CT 7571	26320/IRAT 120	7152/TADUKAN
CT 7572	26320/IRAT 120	5685/TOX 1011-4-1
CT 7573	26235/IRAT 120	IR 5/CAMPONI
CT 7574	TOX 1011-4-1/5728	26235/IRAT 120
CT 7575	CICA 8/COSTA RICA	26239/IRAT 120
CT 7576	25592/IRAT 120	BG 402-4/5728
CT 7577	5685/KACHSIUNG 180	25589/IRAT 120
CT 7578	25589/IRAT 120	COLOMBIA 1/TOX 1011-4-1
CT 7579	25589/IRAT 120	5685/TOX 1011-4-1
CT 7580	TOX 95/11643	25589/IRAT 120
CT 7581	11219/TAIPEI 309	19953/IRAT 122
CT 7582	25453/IRAT 120	10750/ANAYANGI
CT 7583	24045/IRAT 120	TOX 503-1-52/15843
CT 7584	25651/COLOMBIA 1	23916/IRAT 120
CT 7585	16404/IRAT 120	METICA 1/TOX 503-1-52
CT 7586	16404/IRAT 120	CR 113/KACHSIUNG 180
CT 7587	IRAT 120/TOX 1011-4-1	CEYSVONI/KHAGLO * IR 8
CT 7588	IRAT 121/TOX 1011-4-1	CEYSVONI/KHAGLO * IR 8
CT 7589	CEYSVONI/KHAGLO * IR 8	IRAT 120/BL 562-2
CT 7590	CEYSVONI/TOX 718-1-23	TOX 1785-19-18/IRAT 124
CT 7591	IRAT 121/IRAT 133	17100/IRAT 110
CT 7592	IRAT 120/IAC 165	TOX 500-1-112-1/DIWANI
CT 7593	CICA 8/IAC 164	25592/COLOMBIA 1
CT 7594	IR 19743-25-2-2-3-1/QUILLA 65101	BR IRGA 410
CT 7595	CEYSVONI/CICA 7	CR 1113/PICO NEGRO
CT 7596	TOX 1011-4-1/IRAT 122	CR 1113/PICO NEGRO
CT 7597	11373/IRAT 120	RUSTIC/TADUKAN
CT 7598	KU 28/IRAT 122	IAC 47
CT 7599	ELONI/IR 42	11373/IRAT 122
CT 7600	11373/IRAT 122	CEYSVONI/IR 22
CT 7601	11373/IRAT 122	CEYSVONI/5728
CT 7602	BG 402-4/PICO NEGRO	11373/IRAT 122
CT 7603	IRAT 13X056-AL-1-1-1/COL 1 X M312A	TOX 1871-38-4(60131)
CT 7604	IRAT 13X056-AL-1-1-1/COL 1 X M312A	TOX1780-2-3-201-2(60167)
CT 7605	CICA 6/DIWANI	19953/IRAT 122
CT 7606	IRAT 122/NGOVIE	TOX1780-2-3-201-2(60167)
CT 7607	IRAT 13X056-AL-1-1-1/COL 1 X M312A	(60136)
CT 7608	TOX 1010-22-7-16/COL 1 * M312A	IAC 47
CT 7609	TOX 1010-22-7-16/COL 1 * M312A	TOX 718-AL-11-1CM-1JU
CT 7610	TOX 1780-2-1-1P (4)/IRAT 122	BTCX 719-AL-11-1CM-1JU
CT 7611	ITA 133/COLOMBIA 1	TOX 1837-103-4(60125)
CT 7612	UP 714/COL 1 X M312A	TOX 1871-38-4(60131)
CT 7613	NGOVIE/TAIPEI 309/TOX 1369-18-1	TOX1780-2-3-201-2(60167)
CT 7614	TOX 1780-2-1-1P (4)/IRAT 122	COL 1XM312A-74-2-0-0
CT 7615	TOX 1780-2-1-1P (4)/IRAT 122	TOX 891-212-2-102-2-101
CT 7616	TOX 718-AL-27-1-1/COL 1 X M312A	(60136)
CT 7617	RESISTENTE SEQUIA/IRAT 122	TOX 1871-38-4(60131)
CT 7618	RESISTENTE SEQUIA/IRAT 122	(60369)

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CT 7619	RHS 107-2-1-2/COL 1 X M312A	TOX 1780-2-3-201-2(60167)
CT 7620	RHS 107-2-1-2/COL 1 X M312A	TOX 718-AL-11-1CM-1JU
CT 7621	RHS 107-2-1-2/COL 1 X M312A	(60128)
CT 7622	RHS 107-2-1-2/COL 1 X M312A	TOX 891-212-2-102-2-101/1-1B
CT 7623	NGOVIE/COL 1 X M312A-74-2-8-8	(60128)
CT 7624	IRAT 156/IRAT 122	TOX 1871-38-4/60131
CT 7625	IRAT 13 X OS6-AL-1-1-1/IRAT 122	(60128)
CT 7626	IRAT 194-1-2-8/COL 1 X M312A	TOX 718-AL-11-1CM-1JU
CT 7627	IRAT 13XOS6-AL-1-1-1/COL 1 X M312A	(60369)
CT 7628	TOX 1859-102-3/IRAT 122	TOX 1780-2-3-201-2(60167)
CT 7629	TOX 1781-15-1/COL 1X M312A	TOX 891-212-2-102-2-101/1-1B
CT 7630	TOX 1781-15-1/COL 1 X M312A	TOX 718-AL-11-1CM-1JU
CT 7631	P1390-1-1M-2-1B/LEMONT	BR IRGA 410
CT 7632	TOX 891-212-2-102-2-101/COL 1 X M312A	COLOMBIA 1
CT 7633	TOX 939-107-2-101-1-1B/COL 1 X M312A	60128
CT 7634	TOX 939-107-2-101-1-1B/COLOMBIA 1	TOX 891-212-2-102-2-101/1-1B
CT 7635	TOX 1010-49-1/IRAT 122	60136
CT 7636	TOX 1010-49-1/COL-IX-M-312-A-74-2-8-8	TOX 718-AL-11-1CM-1JU
CT 7637	TOX 1177-17-16-B-1-CHIP/IRAT 122	TOX 1871-38-4 (60131)
CT 7638	TOX 1177-17-16-B-1-CHIP/IRAT 122	60369
CT 7639	TOX 1871-15-1/COLOMBIA 1	TOX 1837-103-4(60125)
CT 7640	TOX 1781-15-1/COL 1 X M312A	IAC 47
CT 7641	TOX 1785-19-18/IRAT 122	TOX 1780-2-3-201-2(60167)
CT 7642	TOX 1785-19-18/IRAT 122	TOX 1871-38-4(60131)
CT 7643	TOX 1780-5-7/IRAT 122	TOX 718-AL-11-1CM-1JU
CT 7644	TOX 718-AL-27-1CM-1JM/IRAT 122	TOX 1871-38-4(60131)
CT 7645	TOX 718-AL-27-1CM-1JM/IRAT 122	60369
CT 7646	IRAT 13 X OS6-AL-1-1-1/IRAT 122	60136
CT 7647	M 18/IRAT 122	60136
CT 7648	M 18/IRAT 122	60369
CT 7649	IRAT 156/IRAT 122	60136
CT 7650	RHS 107-2-1-2TB-1 JM/COL-IX-M-312-A-74-2	-60369
CT 7651	RHS 107-2-1-2TB-1 JM/COL-IX-M-312-A-74-2	-TOX 1871-38-4(60131)
CT 7652	RHS 107-2-1-2TB-1 JM/COL-IX-M-312-A-74-2	-60136
CT 7653	RESISTENTE SEQUIA/IRAT 122	60136
CT 7654	M 55/COL 1 X M312-A-74-2-8-8	TOX 1871-38-4(60131)
CT 7655	M 55/COL 1 X M312-A-74-2-8-8	60369
CT 7656	TOX 1780-2-1-1P (4)/IRAT 122	TOX 1837-103-4(60125)
CT 7657	TOX 1780-2-1-1P (4)/COL IX-M-312A	IAC 47
CT 7658	TOX 1177-17-16-B-1-CH-1/IRAT 194-1-2-1B	IRAT 194-1-2-1B/COL 1 X M312A
CT 7659	IRAT 122/NGOVIE	60136
CT 7660	UP 1580	ORYZICA 1
CT 7661	25592	5685
CT 7662	5685	COL 1 X M 312IA
CT 7663	TOX 1815-34-201-201-10	COL 1X M312A
CT 7664	16664	5685
CT 7665	38440-1	38797-1
CT 7666	38440-2	38797-1
CT 7667	17639	IRAT 120
CT 7668	38409-1	38941-1

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CT 7669	38796-2	ORYZICA 1
CT 7670	38803-2	ORYZICA 1
CT 7671	38440-3	38803-1
CT 7672	17639	5685
CT 7673	UP 1580	IRAT 120
CT 7674	25592	IRAT 124
CT 7675	17639	ORYZICA 1
CT 7676	26444	60356
CT 7677	CR 1113	26444
CT 7678	IRAT 124	26444
CT 7679	11219	IRAT 120
CT 7680	26444	11219
CT 7681	CEYSVONI	60356
CT 7682	IRAT 124	60359(L)
CT 7683	26444	IRAT 122
CT 7684	23916	60359(L)
CT 7685	23916	60356
CT 7686	26444	60359
CT 7687	26444	IRAT 120
CT 7688	DIWANI	60396
CT 7689	DIWANI	60359(L)
CT 7690	11219	60396
CT 7691	IRAT 124	60356
CT 7692	IRAT 124	60396
CT 7693	60359	CEYSVONI
CT 7694	ECIA 24-107-1	IRAT 120
CT 7695	BZ 864-2-3-1	26444
CT 7696	IRAT 120	ECIA 31-18-11
CT 7697	UP 1541	IRAT 120
CT 7698	P 3293 F4-41-1	60359
CT 7699	P 2945 F4-41-1	IRAT 120
CT 7700	P 3304 F4-5	ECIA 24-107-1
CT 7701	26444	P2778 F4-82-2
CT 7702	P 3293 F4-41-1	60356
CT 7703	IR 25840-64-1-3	ORYZICA 1
CT 7704	ECIA 24-107-1	IR 25840-64-1-3
CT 7705	IR 25840-64-1-3	IRAT 122
CT 7706	26444	P 3059 F4-25-3
CT 7707	P 3081 F4-2	60356
CT 7708	19970/IRAT 122	P 3081 F4-2
CT 7709	19970/IRAT 122	BZ 864-2-3-1
CT 7710	16267/IRAT 121	P 2945 F4-41-1
CT 7711	3210/2940	P 3059 F4-25-3
CT 7712	3210/2940	IRAT 120
CT 7713	3210/2940	ORYZICA 1
CT 7714	3210/2940	BZ 864-2-3-1
CT 7715	3210/2940	P 2062 F4-17-33-1(23916)
CT 7716	3210/2940	CAMPECHE A-80
CT 7717	TOX 1780-5-7/IRAT 122	TOX1780-2-3-201-2(60167)
CT 7718	TOX 1010-22-7-18/COLUMBIA 1	TOX1780-2-3-201-2(60167)

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CT 7719	M 55/COL 1X M312-A-74-2-B-8	TOX1768-1-2-3
CT 7720	IRAT 122/NGOVIE	TOX1871-38-4(60131)
CT 7721	TOX 718-AL-11-1/COL 1X M312A	TOX1837-103-4(60125)
CT 7722	TOX 1780-5-7/IRAT 122	60136
CT 7723	TOX 906-2-1-202-2/COL 1X M312A	TOX1780-2-3-201-2(60167)
CT 7724	TOX 1010-22-1-16/IRAT 122	TOX1871-38-4(60131)
CT 7725	TOX 936-81-3-5-201-18/COLUMBIA 1	60128
CT 7726	TOX 906-2-1-202-2/COL 1X M312A	TOX 1768-1-2-3
CT 7727	BR 51-282-8/COL 1X M312A	TOX 1768-1-2-3
CT 7728	TOX 1780-5-7/IRAT 122	TOX 1871-38-4 (60131)
CT 7729	TOX 956-109-2-18/COLUMBIA 1	TOX 1768-1-2-1
CT 7730	IR 6023-10-1-1/IRAT 120	DEYSVANI
CT 7731	IR 6023-10-1-1/IRAT 120	TOX 1011-4-1
CT 7732	IR 6023-10-1-1/IRAT 120	TOX 718-AL-11-1CM-1JU
CT 7733	IR 6023-10-1-1/IRAT 120	COL 1X M312A-74-2-B-8
CT 7734	IR 6023-10-1-1/IRAT 120	TOX 936-81-3-5-201-18
CT 7735	TOX 956-109-2-18/COLUMBIA 1	TOX 718-AL-11-1CM-1JU
CT 7736	IR 6023-10-1-1/IRAT 120	60369
CT 7737	IR 6023-10-1-1/IRAT 120	TOX 1768-1-2-1
CT 7738	TOX 1859-102-3/IRAT 122	60136
CT 7739	TOX 1010-22-7-1/COL 1X M312A-74-2-B-8	TOX 1768-1-2-3
CT 7740	18732-2/COL 1X M312A	TOX 1871-38-4 (60131)
CT 7741	TOX 1177-17-16-B-1-CH1P/IRAT 122	60136
CT 7742	TOX 718-AL-27-1CM-1/IRAT 122	60136
CT 7743	TOX 1859-102-3/IRAT 122	60128
CT 7744	TOX 1781-15-1/COL 1X M312A	60369
CT 7745	TOX 1177-17-16-B-1-CH1P/COL 1X M312-A-74	-TOX 1871-38-4
CT 7746	TOX 1177-17-16-B-1-CH1P/COL-1X-M-312-A-7	4TOX 1837-103-4
CT 7747	IR 6023-10-1-1/IRAT 120	TOX 718-AL-27-1CM-1JM
CT 7748	TOX 1010-49-1/COL-1X M312-A-74-2-B-8	60136
CT 7749	TOX 1010-49-1/COL-1X M312-A-74-2-B-8	TOX 1871-38-4(60131)
CT 7750	VIANANTE/P 1897-15-1-4-1-18-18	BR IRGA 410
CT 7751	19970/IRAT 122	ECIA 24-107-1
CT 7752	IRAT 124/60369	
CT 7753	19970/IRAT 122	P 2945 F4-41-1
CT 7754	TOX 1780-2-1-1P (1)/IRAT 122	TOX 718-AL-11-1CM-1JU
CT 7755	TOX 939-107-2-101-1-18/COL 1 X M312A	TOX 718-AL-11-1CM-1JU
CT 7756	TOX 1010-22-7-18/COLUMBIA 1	IAC 47
CT 7757	TOX 956-109-2-18/COL 1 X M312A	60128
CT 7758	TOX 956-109-2-18/COL 1 X M312A	TOX 1768-1-2-2
CT 7759	TOX 936-81-3-5-201-18/COL 1 X M312A	IAC 47
CT 7760	TOX 936-81-3-5-201-18/COL 1 X M312A	TOX 718-AL-11-1CM-1JU
CT 7761	TOX 936-81-3-5-201-18/COL 1 X M312A	TOX 1768-1-2-1
CT 7762	TOX 891-212-2-102-2-101/COL 1 X M312A	TOX 1768-1-2-1
CT 7763	TOX 1780-2-3-201-1/COL 1 X M312A	TOX 718-AL-11-1CM-1JU
CT 7764	TOX 1780-2-3-201-1/COL 1 X M312A	TOX 1768-1-2-2
CT 7765	TOX 1780-2-3-201-1/COL 1 X M312A	60128
CT 7766	TOX 1780-2-3-201-1/COL 1 X M312A	IAC 47
CT 7767	3210/2940	UP 1541
CT 7768	ECIA 31-18-11/P 1274-6-8M-1-3M-1	

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CT 7769	ECIA 24-107-1	16404
CT 7770	IR 13240-82-2-3-2-3-1	P 1274-6-EM-1
CT 7771	P 3304 F4-5-1	IRAT 120
CT 7772	P 2945 F4-41-1	BZ 864-2-3-1
CT 7773	P 2945 F4-41-1	IRAT 122
CT 7774	P 3284 F4-5-7	ORYZICA 1
CT 7775	P 3081 F4-2	TOX 936-81-3-
CT 7776	16404	ECIA 31-18-11
CT 7777	P 2193 F4-158-18-18-7	IRAT 122
CT 7778	UP 1541	DIWANI
CT 7779	UP 1541	CEYSVONI
CT 7780	TOX 1010-22-7-16/COL 1 X M312A	60136
CT 7781	IRAT 124	TOX 1780-2-3-201-2
CT 7782	ORYZICA 1	11643
CT 7783	IRGA 172	ECIA 31-18-11
CT 7784	CTCA B	IRGA 181
CT 7785	B6 367-7	IRGA 172
CT 7786	IRGA 172	BR IRGA 409
CT 7787	ECIA 31-18-11	P 2053 F4-169-8-1
CT 7788	CEYSVONI	60396
CT 7789	V 105	IRAT 120
CT 7790	P 2062 F4-17-33-1	P3293F4-41-1
CT 7791	60396	26444
CT 7792	TOX 906-2-1-202-2/COL 1 X M312A	TOX 718-AL-11-1CM-13U
CT 7793	IRAT 194-1-2-18/COLUMBIA 1	TAC 165
CT 7794	IRGA 181	BR IRGA 410
CT 7795	B6 367-7	IRGA 181
CT 7796	IRGA 172	BR IRGA 410
CT 7797	RU 8003005	IRGA 172
CT 7798	HR 1619	IRGA 181
CT 7799	IR 25588	IRGA 172
CT 7800	HR 1619	IRGA 172
CT 7801	IRGA 172	ORYZICA 1
CT 7802	16267/IRAT 121	BZ 864-2-3-1
CT 7803	16267/IRAT 121	P 3081 F4-2
CT 7804	16267/IRAT 121	ECIA 24-107-1
CT 7805	19970/IRAT 122	P 2887 F4-9-4
CT 7806	3210/2940	P 2053 F4-164-8-1(117361)
CT 7807	3210/2940	IRAT 122
CT 7808	TOX 1010-49-1/COL-IX-M-312-A-74-2-B-8	60125
CT 7809	TOX 1177-32/COL 1 X M312A	60369
CT 7810	TOX 1010-49-1/COL-IX-M312-A-74-2-B-8	60369
CT 7811	TOX 718-AL-20-1/IRAT 122	60136
CT 7812	NGOVIE	COL-IX-M-312-A-74-2-B-8
CT 7813	TOX 1871-15-1/COLUMBIA 1	COL IX M312A
CT 7814	TOX 1010-49-1/IRAT 122	60167
CT 7815	TOX 939-107-2-101-1-18/COLUMBIA 1	UP 674
CT 7816	TOX 939-107-2-101-1-18/COLUMBIA 1	TOX 1780-2-3-201-1
CT 7817	TOX 939-107-2-101-1-18/COLUMBIA 1	TAC 165
CT 7818	TOX 939-107-2-101-1-18/COL 1 X M312A	TOX 1768-1-2-3

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CT 7819	TOX 1010-22-7-18/COLUMBIA 1	TOX 1768-1-2-1
CT 7820	TOX 1010-22-7-18/COLUMBIA 1	TAC 165
CT 7821	TOX 1010-22-7-18/COLUMBIA 1	UP 733
CT 7822	TOX 956-109-2-18/COLUMBIA 1	UP 674
CT 7823	TOX 956-109-2-18/COLUMBIA 1	60143
CT 7824	TOX 936-81-6-3-IR 5-18/COL 1 X MS12A	60143
CT 7825	TOX 936-81-6-3-IR 5-18/COL 1 X MS12A	UP 733
CT 7826	TOX 936-81-3-5-201-18/COL 1 X MS12A	60131
CT 7827	TOX 936-81-3-5-201-18/COLUMBIA 1	60141
CT 7828	TOX 936-81-3-5-201-18/COLUMBIA 1	TAC 165
CT 7829	TOX 891-212-2-102-2-101/COL 1 X MS12A	60129
CT 7830	TOX 891-212-2-102-2-101/COL 1 X MS12A	UP 674
CT 7831	CIMINI/IR 11-452	IR 21015
CT 7832	TOX 1780-2-3-201-2/COL 1 X MS12A	UP 674
CT 7833	TOX 1780-5-7/COL 1 X MS12A	60131
CT 7834	IRAT 120/BL 562-2	IR 21015
CT 7835	IRAT 120/IRAT 110	IR 21015
CT 7836	TOX 1785-19-18/IRAT 120	IR 21015
CT 7837	CR 1113	IR 21015
CT 7838	GEYSOMI	IR 21015
CT 7839	P 2887 F4-9-4	IR 21015
CT 7840	EDIA 24-107-1	IRAT 122
CT 7841	IR 21015	60396
CT 7842	26444	IR 21015
CT 7843	IR 21015	CICA B
CT 7844	P 3081 F4-76	IRAT 122
CT 7845	IR 21015	UP 1541
CT 7846	CAMPECHE A 80	IR 21015
CT 7847	P 2945 F4-41-1	IR 21015
CT 7848	P 3293 F4-48	11643
CT 7849	P 3081 F4-76	26444
CT 7850	P 3081 F4-76	ORYZICA 1
CT 7851	P 3081 F4-34	ORYZICA 1
CT 7852	CAMPECHE A 80	26444
CT 7853	P 2887 F4-9-4	IRAT 122
CT 7854	P 3059 F4-25-3	IRAT 120
CT 7855	IR 21015	IRAT 120
CT 7856	P 3059 F4-25-3	IR 21015
CT 7857	16404	IR 21015
CT 7858	IR 21015-72-3-3-3-1	IRAT 122
CT 7859	P 2887 F4-9-4	IRAT 120
CT 7860	P 3081 F4-2	IR 21015
CT 7861	P 3081 F4-34	UP 1541
CT 7862	IR 21015	60359
CT 7863	UP 1541	P 3081 F4-76
CT 7864	IR 21015-72-3-3-3-1	60356
CT 7865	P 3081 F4-76	P 2887 F4-9-4
CT 7866	P 3299 F4-33	17361
CT 7867	P 3081 F4-76	IRAT 120
CT 7868	CR 1113/IRAT 122	IR 21015-72-3-3-3-1

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 7869	KB/CICA 4	IR 21015
CT 7870	7152/IAC 164	P 3081 F4-2
CT 7871	7152/IAC 164	IR 21015
CT 7872	19959/IRAT 120	IR 21015
CT 7873	19965/IRAT 120	IR 21015
CT 7874	11295/IRAT 121	P 3059 F4-25-3
CT 7875	19959/IRAT 120	P 3059 F4 25-3
CT 7876	19965/IRAT 120	P 3059 F4-25-3
CT 7877	19965/IRAT 120	16404
CT 7878	TOX 936-81-6-3-IR 5-1B/CDL 1 I MS12A	60129
CT 7879	16280/IRAT 12	P 3081 F4-2
ET 7880	19950/IRAT 122	IR21015
CT 7881	19965/IRAT 120	P 2945 F4-41-1
CT 7882	25592/IRAT 120	5685
CT 7883	TOX 1766-4-B-201-1B/IRAT 120	CEYSVONI
CT 7884	TOX 1815-34-201-1/IRAT 120	CAMPONI
CT 7885	TOX 1815-34-201-1/IRAT 120	P 2945 F4-41-1
CT 7886	UP 1588/IRAT 120	CEYSVONI
CT 7887	TOX 1815-34-201-201-1/IRAT 120	5738
CT 7888	UP 1588/IRAT 120	5738
CT 7889	TOX 1815-34-201-201-1/IRAT 120	P 2887 F4-9-4
CT 7890	TOX 1815-34-201-201-1/IRAT 120	CEYSVONI
ET 7891	25592/DKY21ICA 1	CEYSVONI
CT 7892	UP 1588/IRAT 120	26444
CT 7893	TOX 1815-34-201-201-1/IRAT 120	5685
CT 7894	TOX 1815-34-201-201-1/IRAT 120	26444
CT 7895	60131A	IRAT 120
CT 7896	26444	60131 A
CT 7897	CAMPEDHE ABO	60131 A
CT 7898	IR 21015	60131 A
ET 7899	CEYSVONI	60131 A
CT 7900	P 3081 F4-76	18493
ET 7901	3210/2940	IR 21015
CT 7902	CEYSVONI/7152	IR 21015
CT 7903	5728/86 94-1	IR 21015
CT 7904	IR 4568-225-3-2/CAMPONI	IR 21015
CT 7905	2476/FELITA 1/1	IR 21015
CT 7906	IRAT 121/26201	IR 21015
CT 7907	CR 1113/IR 11248-148-3-2-3-3	IR 21015
CT 7908	17431/5729	IR 21015
CT 7909	19934/6850	IR 21015
CT 7910	TOX 1011-4-1/IRAT 120	IR 21015
CT 7911	BL 562-2/IRAT 122	IR 21015
CT 7912	19959/IRAT 120	P 2887 F4-9-4
CT 7913	19959/IRAT 120	P 3081 F4-2
CT 7914	19953/IRAT 120	P 2945 F4-41-1
CT 7915	19953/IRAT 120	IR 21015
CT 7916	11295/IRAT 121	IR 21015
CT 7917	19965/IRAT 121	P 2887 F4-9-4
CT 7918	19965/IRAT 121	IR 21015

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 7919	19965/IRAT 121	P 2778 F4-82-2
CT 7920	19965/IRAT 121	26444
CT 7921	16280/IRAT 121	IR 21015
CT 7922	17361/IRAT 121	IR 21015
CT 7923	16280/IRAT 122	IR 21015
CT 7924	3250/CEYSVONI	IR 21015
CT 7925	3210/CEYSVONI	P 3069 F4-25-3
CT 7926	3210/CEYSVONI	IR 21015
CT 7927	5685/IRAT 120	CEYSVONI
CT 7928	5685/IRAT 120	P 2945 F4-41-1
CT 7929	5685/IRAT 120	IR 21015
CT 7930	5685/IRAT 120	26444
CT 7931	25592/IRAT 120	26444
CT 7932	25592/IRAT 120	CEYSVONI
CT 7933	25592/IRAT 120	IR 21015
CT 7934	DRYZICA 1/IRAT 120	CEYSVONI
CT 7935	DRYZICA 1/IRAT 120	26444
CT 7936	DRYZICA 1/COL 1 X M312A	CEYSVONI
CT 7937	DRYZICA 1/COL 1 X M312A	26444
CT 7938	TOX 1766-4-B-201-1B/IRAT 120	CAMPONI
CT 7939	TOX 1766-4-B-201-1B/IRAT 120	P2887 F4-9-4
CT 7940	17719/DRYZICA 1	COL 1X M312A
CT 7941	16664/IRAT 120	26444
CT 7942	16664/IRAT 120	CEYSVONI
CT 7943	7042/IRAT 120	5738
CT 7944	7042/IRAT 120	IR 21015-72-3-3-3-1SE
CT 7945	7042/IRAT 120	CEYSVONI
CT 7946	TOX 1766-4-B-201-1B/5685	COL 1 X M312A-74-2-B-8
CT 7947	TOX 1766-4-B-201-1B/5685	IR 21015-72-3-3-3-1
CT 7948	TOX 1766-4-B-201-1B/5685	26444
CT 7949	18420/IRAT 120	IR 21015-72-3-3-3-1
CT 7950	25592/DRYZICA 1	COL 1X M312A-74-2-B-8
CT 7951	YR1641-6H-59-7	LEMONT
CT 7952	BR IRGA 409	LEMONT
CT 7953	LEMONT	IRGA 181
CT 7954	LEMONT	IRGA 174
CT 7955	LEMONT	HR 1619-6-2-1-3-1
CT 7956	LEMONT	IR 19764-15-1-1
CT 7957	IRGA 172	LEMONT
CT 7958	IRGA 172	P 1332-3-8H-1-1B
CT 7959	IRGA 172	CICA B MU 53
CT 7960	BG 367-7	IRGA 174-F4SS-7
CT 7961	BR IRGA 410	IRGA 174-F4SS-7
CT 7962	5738	IRGA 174-F4SS-7
CT 7963	IRGA 174-F4SS-7	IR 19764-15-1-1
CT 7964	IRGA 174-F4SS-7	HR 1619-6-2-1-3-1
CT 7965	IRGA 174-F4SS-7	ECTA 31-18-11
CT 7966	IRGA 174-F4SS-7	P 1356-1-13H-2-1B
CT 7967	IRGA 174-F4SS-7	CICA B MU/53
CT 7968	BR IRGA 409	IRGA 181-F4SS-54

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 7969	COREIA 1	IRGA 181-F4SS-54
CT 7970	P 1377-1-15M-4-1M	IRGA 181-F4SS-54
CT 7971	IRGA 181-F4SS-54	CICA 8 MU/53
CT 7972	IRGA 181-F4SS-54	P 1390-1-1M-2-1B
CT 7973	IRGA 181-F4SS-54	P 1369-4-16M-1-1B
CT 7974	P1332-3-8M-1B	IRGA 181-F4SS-54
CT 7975	IRGA 181-F4SS-54	IR 19764-15-1-1
CT 7976	IRGA 181-F4SS-54	P 1356-1-13M-2-1B
CT 7977	IRGA 181-F4SS-54	EDIA 31-18-11
CT 7978	IR 25588-7-3-1	IRGA 181-F4SS-54
CT 7979	IRGA 172 F4SS-39	COREIA-1
CT 7980	IRGA 172 F4SS-39	IR 19764-15-1-1
CT 7981	IRGA 172 F4SS-39	P1377-1-15M-4-1M
CT 7982	IRGA 174-F4SS-7	P1369-4-16M-1-1B
CT 7983	IRGA 174 F4SS-7	P1390-1-1M-2-1B
CT 7984	IRGA 174 F4SS-7	BR IRGA 409
CT 7985	IRGA 174 F4SS-7	P1332-3-8M-1-1B
CT 7986	IRGA 174 F4SS-7	IR 25588-7-3-1
CT 7987	IRGA 174 F4SS-7	COREIA-1
CT 7988	P 1377-1-15M-4-1M	IRGA 174 F4SS-7
CT 7989	7152/TADUKAN	P2887 F4-9-4
CT 7990	7152/TADUKAN	IR 21015-72-3-3-3-1
CT 7991	5728/86 94-1	P3081 F4-2
CT 7992	17531/6850	IR 21015-72-3-3-3-1
CT 7993	16280/IRAT 120	P3081 F4-2
CT 7994	19950/IRAT 122	P3081 F4-2
CT 7995	CT7208	IR 21015-72-3-3-3-1
CT 7996	CT7524	26444
CT 7997	CT7524	P2945 F4-41-1
CT 7998	CT7524	P2887 F4-9-4
CT 7999	CT7524	CICA 8
CT 8000	P 3081 F4-2	COL 1XM312 A
CT 8001	5685/IRAT 120	P2887 F4-9-4
CT 8002	25592/IRAT 120	DRYZICA 1
CT 8003	25592/IRAT 120	P2945 F4-41-1
CT 8004	CT7356	P2887 F4-9-4
CT 8005	CT7357	P3059 F4-79-2-3
CT 8006	CT7359	P2887 F4-9-4
CT 8007	CT7340	COL 1XM312A
CT 8008	17719/5738	IR 21015-72-3-3-3-1
CT 8009	CT7348	P 2887 F4-9-4
CT 8010	CT7353	COL 1XM312A
CT 8011	UP 1588/5738	26444
CT 8012	TOX891-212-2-102-2-101-1	IRAT 120
CT 8013	TOX 906-2-1-202-2-4-1B	COLOMBIA 1
CT 8014	TOX 1010-24-2-1-1B	IRAT 120
CT 8015	TOX 1010-24-6-1B	COL 1XM312A
CT 8016	TOX 1010-24-6-1B	COLOMBIA 1
CT 8017	TOX 1010-24-6-1B	IRAT 120
CT 8018	TOX 1010-45-1-1	IRAT 120

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 8019	TOX 1774-M-1-2	IRAT 120
CT 8020	TOX 1774-M-1-1	IRAT 120
CT 8021	TOX 1780-2-3-201-1	COLOMBIA 1
CT 8022	TOX 1859-102-6	COL 1XMS12A
CT 8023	TOX 1859-102-5M	COLOMBIA 1
CT 8024	TOX 1859-102-5M	COL 1XMS12A
CT 8025	TOX 1859-102-4	COLOMBIA 1
CT 8026	TOX 1859-102-3	COL 1XMS12A
CT 8027	IAC 25XPJ-110-49-1-4-1	IRAT 124
CT 8028	IAC 25XPJ-110-49-1-4-1	IRAT 120
CT 8029	IAC 25XPJ-110-49-1-4-1 ✓	COL 1XMS12A
CT 8030	RMS-107-2-1-21-B-1JU ✓	COL 1XMS12A
CT 8031	LL 5 ✓	IRAT 124
CT 8032	LL 5 ✓	COL 1XMS12A
CT 8033	KU 9 ✓	COL 1XMS12A
CT 8034	IRAT 170	IRAT 120
CT 8035	CICA 7	IR 1552
CT 8036	PAPAYD	IR 1552
CT 8037	FANNY	IR 1552
CT 8038	IR 22	IR 1552
CT 8039	DEYSVONI	IR 1552
CT 8040	CICA 8	IR 1552
CT 8041	B-40	IR 1552
CT 8042	IRAT 106	IR 1552
CT 8043	TETEP	IR 1552
CT 8044	TOX 1780-5-7	IR 1552
CT 8045	TOX 1780-2-3-201-2/COL 1XMS12A	TOX 1768-1-2-1
CT 8046	P5059-F4-79-2-3	COL 1XMS12A
CT 8047	DEYSVONI	COL 1XMS12A
CT 8048	P2945-F4-41-1	COL 1XMS12A
CT 8049	2375A	IR21015-73-3-3-3-1
CT 8050	18521	IR21015-73-3-3-3-1
CT 8051	18521	26444
CT 8052	18521	11643
CT 8053	CICA 8/IRAT 120	CICA 8
CT 8054	CAMPECHE ABO/IRAT 120	CAMPECHE ABO
CT 8055	IRSA 174	CICA 8
CT 8056	TOX 1780-2-3-201-2/IRAT 120	TOX 718-AL-11-CN-17M
CT 8057	TOX 1780-2-3-201-2/IRAT 120	TOX 1011-4-1-1M
CT 8058	TOX 1780-2-3-201-2/IRAT 120	TOX 1859-102-6M-3
CT 8059	TOX 1010-45-1-1/COL 1XMS12A	TOX 1768-1-2-1
CT 8060	TOX 1010-45-1-1/COL 1XMS12A	TOX 1859-102-3M-14
CT 8061	TOX 1010-45-1-1/COL 1XMS12A	TOX 1780-2-3-201-2
CT 8062	TOX 1010-45-1-1/COL 1XMS12A	TOX 1011-4-1-1M
CT 8063	TOX 1858-91-201-1B/IRAT 120	IAC 164
CT 8064	TOX 1858-91-201-1B/IRAT 120	COL 1XMS12A
CT 8065	TOX 1859-102-4/COL 1XMS12A	TOX 1705-19-1B
CT 8066	TOX 1859-102-4/COL 1XMS12A	TOX 1011-4-2
CT 8067	TOX 1859-102-4/COL 1XMS12A	IAC 1246
CT 8068	TOX 1859-102-4/COL 1XMS12A	TOX 718-AL-11-CN-17M

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 8069	TOX 1768-1-2-1/IRAT 120	TOX 1011-4-2
CT 8070	TOX 1768-1-2-1/IRAT 120	TOX 1785-19-18
CT 8071	TOX 1768-1-2-1/IRAT 120	TOX 1859-102-5M-7
CT 8072	TOX 1768-1-2-1/IRAT 120	IAC 47
CT 8073	TOX 1768-1-2-1/IRAT 120	TOX 718-AL-27-CM-JM
CT 8074	IRAT 112/IRAT 120	TOX 1859-102-6M-3
CT 8075	IRAT 112/IRAT 120	TOX 1859-102-4M-4
CT 8076	TOX 1780-2-3-201-1/IRAT 120	TOX 1859-102-6M-3
CT 8077	TOX 1780-2-3-201-1/IRAT 120	TOX 1859-102-4M-6
CT 8078	TOX 1780-2-3-201-1/IRAT 120	TOX 1768-1-2-1
CT 8079	TOX 1780-2-3-201-1/IRAT 120	IAC 47
CT 8080	IRAT 13-056-AL-CM-JM/IRAT 120	COL 1XM312A
CT 8081	IRAT 13-056-AL-CM-JM/IRAT 120	TOX 1768-1-2-1
CT 8082	IRAT 13-056-AL-CM-JM/IRAT 120	TOX 1011-4-1-1M
CT 8083	NGOVIE/IRAT 120	TOX 1859-102-5M-4
CT 8084	NGOVIE/IRAT 120	TOX 1011-4-1-1M
CT 8085	TOX 1010-49-1/IRAT 120	TOX 1859-102-3M-14
CT 8086	TOX 1010-49-1/IRAT 120	TOX 1859-102-6M-3
CT 8087	TOX 1010-49-1/IRAT 120	TOX 1011-4-1-1M
CT 8088	TOX 1010-49-1/IRAT 120	TOX 1859-102-5M-7
CT 8089	TOX 1010-49-1/IRAT 120	TOX 1859-102-6M-3
CT 8090	TOX 1010-49-1/IRAT 120	TOX 1011-4-1-1M
CT 8091	TOX 1010-49-1/IRAT 120	TOX 1859-102-4M-6
CT 8092	TOX 956-109-2-1B/IRAT 120	TOX 1785-19-18
CT 8093	TOX 956-109-2-1B/IRAT 120	TOX 1859-102-3M-14
CT 8094	CR 1113/IRAT 122	P2887-F4-9-4
CT 8095	CR 1113/IRAT 122	P3081-F4-2
CT 8096	CR 1113/IRAT 122	16404
CT 8097	CR 1113/IRAT 122	23754
CT 8098	UPL-RI-3/TOX 1011-4-1	IR 21015-72-3-3-3-1
CT 8099	BL 562-2/IRAT 122	P3081-F4-2
CT 8100	19953/IRAT 120	16404
CT 8101	19959/IRAT 122	IR 21015-72-3-3-3-1
CT 8102	16280/IRAT 122	P2887-F4-9-4
CT 8103	ORYZICA 1/COL 1XM312A	P2887-F4-9-4
CT 8104	NGOVIE/IRAT 120	TOX 1859-102-3M-14
CT 8105	NGOVIE/IRAT 120	TOX 1859-102-6M-3
CT 8106	TOX 1768-1-2-1/IRAT 120	TOX 1780-2-3-201-2
CT 8107	TOX 1871-15-1/COL 1XM312A	IAC 47
CT 8108	TOX 1871-15-1/COL 1XM312A	TOX 1768-1-2-1
CT 8109	IRAT 194-1-2-1B/COLOMBIA 1	TOX 1768-1-2-3
CT 8110	TOX 1780-5-7/COL 1XM312A	TOX 1768-1-2-1
CT 8111	TOX 1780-5-7/COL 1XM312A	TOX 1871-38-4
CT 8112	TOX 1780-5-7/COL 1XM312A	IAC 165
CT 8113	UP 1588/5738	P2887-F4-9-4
CT 8114	UP 1588/5738	COL 1XM312A
CT 8115	5738/IRAT 120	P3059 F4-79-2-3
CT 8116	3250/K 8	P3081 F4-2
CT 8117	16280/IRAT 121	P2887 F4-9-4
CT 8118	17361/IRAT 121	P2945 F4-41-1

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 8119	16280/IRAT 121	P3059 F4-25-3
CT 8120	3210/CEYSVONI	P3081 F4-2
CT 8121	3250/CEYSVONI	P3081 F4-2
CT 8122	19953/IRAT 120	P2887 F4-9-4
CT 8123	19953/IRAT 120	P2867 F4-52-2
CT 8124	19950/IRAT 122	P3059 F4-25-3
CT 8125	19950/IRAT 122	P2945 F4-41-1
CT 8126	19950/IRAT 122	P2887 F4-9-4
CT 8127	IRAT 120/26235	P2867 F4-52-2
CT 8128	CR 1113/IRAT 122	P2945 F4-41-1
CT 8129	7152/TADUKAN	16404
CT 8130	7152/TADUKAN	P2945-F4-41-1
CT 8131	P5386-9-2-5	P4278 F2-80-4
CT 8132	P5386-9-2-5	P4711 F2-8-6
CT 8133	P5387-3-1-1	P4743 F2-65-2
CT 8134	P5387-3-1-1	P4516 F2-9-1-1
CT 8135	P5387-3-1-1	P3844 F2-23-1-3
CT 8136	P5387-3-1-3	P4278-F2-80-4
CT 8137	P5391-6-5-1	P4278-F2-84-3
CT 8138	P5391-6-5-1	P4728-F2-25-3
CT 8139	P5391-6-5-1	P4743-F2-65-2
CT 8140	P5391-6-5-3	P4743-F2-65-2
CT 8141	P5391-6-5-3	P4278-F2-84-3
CT 8142	P5419-2-22-3	P4278-F2-84-3
CT 8143	P5419-2-22-3	P4711-F2-84-3
CT 8144	P5419-2-22-3	P4516-F2-9-1-1
CT 8145	P5419-2-22-3	P3844-F2-23-1-3
CT 8146	P5419-2-22-5	P4711-F2-8-4
CT 8147	P5419-2-22-5	P4721-F2-1-4
CT 8148	P5446-6-5-4	P4278-F2-80-4
CT 8149	P5446-6-5-4	P4711-F2-8-4
CT 8150	P5	P4728-F2-25-3
CT 8151	P5446-6-5-4	P4516-F2-9-1-1
CT 8152	P5446-6-5-4	P3844-F3-23-1-3
CT 8153	P5446-6-5-4	P5139-F2-37-1
CT 8154	P5601-12-1-3	P4711-F2-8-6
CT 8155	P5601-12-1-5	P4711-F2-8-6
CT 8156	P5690-1-4-1	P4711-F2-8-6
CT 8157	P5690-1-4-4	P4278-F2-80-4
CT 8158	P5690-1-4-4	P4721-F2-1-4
CT 8159	P5746-18-11-4	P4278-F2-80-4
CT 8160	P5746-18-11-4	P4711-F2-8-6
CT 8161	P5746-18-11-4	P4721-F2-1-4
CT 8162	P5746-18-11-4	P4728-F2-25-3
CT 8163	P5756-3-2-4	P4278-F2-80-4
CT 8164	P5756-3-2-4	P4711-F2-8-6
CT 8165	7152/TADUKAN	P3059-F4-25-3
CT 8166	2940/COSTA RICA	16404
CT 8167	IR 11-452/IR42	16404
CT 8168	CR 1113/IR1529-430	16404

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 8169	IRAT 120/26235	16404
CT 8170	25592/IRAT 120	P2887-F4-9-4
CT 8171	19953/IRAT 120	P3081-F4-2
CT 8172	19953/IRAT 120	P3059-F4-25-3
CT 8173	TOX 1766-4-B-201-1B/5685	P2887-F4-9-4
CT 8174	18420/DRYZICA1	IR21015
CT 8175	P4278 F2-80-4	CT7392
CT 8176	P4278 F2-25-3	CT7392
CT 8177	P4278 F2-25-3	CT7394
CT 8178	P4278 F2-80-4	CT7406
CT 8179	P4711 F2-8-4	CT7406
CT 8180	P4278 F2-25-3	CT7406
CT 8181	P4516 F2-9-1-1	CT7406
CT 8182	P3844 F3-23-1-3	CT7406
CT 8183	P4743 F2-65-2	CT7406
CT 8184	P5139 F2-37-1	CT7406
CT 8185	P4711 F2-8-4	CT7407
CT 8186	P4278 F2-25-3	CT7407
CT 8187	P4516 F2-9-1-1	CT7407
CT 8188	P3844 F3-23-1-3	CT7407
CT 8189	P4278 F2-80-4	CT7415
CT 8190	P4711 F2-8-4	CT7415
CT 8191	P4728 F2-25-3	CT7415
CT 8192	P3844 F3-23-1-3	CT7415
CT 8193	P4743 F2-65-2	CT7415
CT 8194	P4278 F2-80-4	CT7423
CT 8195	P4278 F2-25-3	CT7423
CT 8196	P4278 F2-80-4	CT7428
CT 8197	P4278 F2-25-3	CT7428
CT 8198	P4516 F2-9-1-1	CT7428
CT 8199	P3844 F3-23-1-3	CT7428
CT 8200	P4278 F2-80-4	CT7458
CT 8201	P4278 F2-25-3	CT7458
CT 8202	P4278 F2-80-4	CT7477
CT 8203	P4278 F2-25-3	CT7477
CT 8204	P4278 F2-80-4	CT7495
CT 8205	P4278 F2-25-3	CT7495
CT 8206	P4711 F2-8-4	CT7508
CT 8207	P4278 F2-25-3	CT7508
CT 8208	18521	P3284-F4-5-7
CT 8209	IR 25840-64-1-3	23916
CT 8210	P3081 F4-76	23916
CT 8211	16267/IRAT 121	26444
CT 8212	16267/IRAT 121	V 165/84
CT 8213	16267/IRAT 121	P2887-F4-9-4
CT 8214	26444/IRAT 124	P2887-F4-9-4
CT 8215	26444/IRAT 124	IR21015
CT 8216	60359/IRAT 124	P3059-F4-25-3
CT 8217	60359/IRAT 124	IR21015
CT 8218	60359/IRAT 124	P2887-F4-9-4

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 8219	26444/IRAT 122	11219
CT 8220	26444/IRAT 122	P3059-F4-25-3
CT 8221	26444/IRAT 122	P2887-F4-9-4
CT 8222	26444/IRAT 122	IR21015-72-3-3-3-1
CT 8223	26444/IRAT 120	11219
CT 8224	26444/IRAT 120	P3059-F4-25-3
CT 8225	26444/IRAT 120	P2887-F4-9-4
CT 8226	3210	CAMPONI
CT 8227	RHS-107-2-21-0-1JU/IRAT 120	COL 1XMS12A
CT 8228	UP1541/IRAT 120	P3059-F4-25-3
CT 8229	EC1A24-107-1/3304F4-5-1	IR 13240-82-2-3-1
CT 8230	5685/COL 1XMS12A	P2887-F4-9-4
CT 8231	5685/COL 1XMS12A	P3790-F4-6-1-1X
CT 8232	TOX 1815-34-201-201-10/COL 1XMS12A	P4278-F2-80-4-1X
CT 8233	TOX 1815-34-201-201-10/COL 1XMS12A	CEYSVONI
CT 8234	TOX 1815-34-201-201-10/COL 1XMS12A	P2887-F4-9-4
CT 8235	TOX 1815-34-201-201-10/COL 1XMS12A	IR 21015-72-3-3-3-1
CT 8236	16664/5685	IRAT 122
CT 8237	38440-1/38797-1	COL 1XMS12A
CT 8238	38440-1/38797-1	IR 21015-72-3-3-3-1
CT 8239	38440-2/38796-1	IR 21015-72-3-3-3-1
CT 8240	38440-2/38796-1	P3059-F4-79-1
CT 8241	38440-2/38796-1	COL 1XMS12A
CT 8242	17639/IRAT120	CEYSVONI
CT 8243	17639/IRAT120	COL 1XMS12A
CT 8244	17639/IRAT 120	P2887-F4-9-4
CT 8245	17639/IRAT 120	IR21015-72-3-3-3-1
CT 8246	17639/IRAT 120	P3790-F4-6-1-1X
CT 8247	17639/IRAT 120	P3059-F4-79-1
CT 8248	38409-1/38941-1	P2887-F4-9-4
CT 8249	38409-1/38941-1	P4278-F2-80-4-1X
CT 8250	38409-1/38941-1	IR21015-72-3-3-3-1
CT 8251	38796-2/5738	IR21015-72-3-3-3-1
CT 8252	38796-2/5738	P4278-F2-80-4-1X
CT 8253	38803-2/5738	P4278-F2-80-4-1X
CT 8254	38803-2/5738	IR 21015-72-3-3-3-1
CT 8255	38803-2/5738	CEYSVONI
CT 8256	38803-2/5738	P3059-F4-79-1
CT 8257	38440-3/38803-1	IR 21015-72-3-3-3-1
CT 8258	17639/5685	IR 21015-72-3-3-3-1
CT 8259	UP1580/IRAT 120	P2887-F4-9-4
CT 8260	UP1580/IRAT 120	P3790-F4-6-1-1X
CT 8261	UP1580/IRAT 120	CEYSVONI
CT 8262	UP1580/IRAT 120	IR21015-72-3-3-3-1
CT 8263	UP1580/IRAT 120	P4278-F2-80-4-1X
CT 8264	UP1580/IRAT 120	COL 1XMS12A
CT 8265	25592/IRAT 124	P4278-F2-80-4-1X
CT 8266	25592/IRAT 124	P2887-F4-9-4
CT 8267	IRAT 124/26444	P3059-F4-25-3
CT 8268	16267/IRAT 121	3210/2940

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CT 8269	UP1541/DEYSVON1	3210/2940
CT 8270	UP1541/DIWANI	3210/2940
CT 8271	26444/IRAT 120	3210/2940
CT 8272	UP1541/IRAT 120	3210/2940
CT 8273	IRAT120/ELIAB1-10-11	3210/2940
CT 8274	16267/IRAT 121	P3059-F4-25-3
CT 8275	IRAT 124/60356	P3059-F4-25-3
CT 8276	26444/IRAT 120	23916
CT 8277	IRAT 124/60356	23916
CT 8278	IRAT 124/60356	IR21015-72-3-3-3-1
CT 8279	IRAT 124/60356	11219
CT 8280	IRAT 124/60356	P2887-F4-9-4
CT 8281	16267/IRAT 121	P3082-F4-73
CT 8282	26444/IRAT 120	P3082-F4-73
CT 8283	16267/IRAT 121	P2859-F4-99-1
CT 8284	16267/IRAT 121	CT7680
CT 8285	16267/IRAT 121	P3299-F4-B6
CT 8286	2940/3210	P3293-F4-48
CT 8287	IRAT 120	P3293-F4-48
CT 8288	IRAT 122	P3293-F4-48
CT 8289	IRAT 122	P3304-F4-5
CT 8290	IRAT 120	IR 13240-B2-2-3-2-3-1
CT 8291	P3081 F4-2	IR 13240-B2-2-3-2-3-1
CT 8292	P2859 F4-99-1	P3059-F4-25-3
CT 8293	TOX 1815-34-201-201-10/CDL 1XMS12A	P5166-F2-26-1-1X
CT 8294	TOX 1815-34-201-201-10/CDL 1XMS12A	P3059-F4-79-1
CT 8295	TOX 1815-34-201-201-10/CDL 1XMS12A	P3790-F4-6-1-1X
CT 8296	TOX 1815-34-201-201-10/CDL 1XMS12A	26444
CT 8297	16664/5685	IRAT 120
CT 8298	38440-1/38797-1	P4278-F2-B0-4-1X
CT 8299	17639/5685	P4278-F2-B0-4-1X
CT 8300	17639/5685	CDL 1XMS12A
CT 8301	16664/5685	CDL 1XMS12A
CT 8302	UP1580/5738	IR21015-72-3-3-3-3-1
CT 8303	TOX 1858-91-201-1B	CDL 1XMS12A
CT 8304	TOX 1859-102-5M-4	CDL 1XMS12A
CT 8305	TOX 1859-102-5M-4	IRAT 124
CT 8306	TOX 1859-102-5M-7	CDL 1XMS12A
CT 8307	TOX 1859-102-5M-7	IRAT 124
CT 8308	11643	5738/ 11643
CT 8309	11643	11643/ IRAT 120
CT 8310	UP1580/5738	DEYSVON1
CT 8311	25392/5685	P3790-F4-6-1-1X
CT 8312	38409-1/38941-1	P3059-F4-79-1
CT 8313	38796-2/5738	P3790-F4-6-1-1X
CT 8314	38803-2/5738	P5166-F2-26-1-1X
CT 8315	38803-2/5738	CDL 1XMS12A
CT 8316	38803-2/5738	P2887-F4-9-4
CT 8317	17639/5685	P3790-F4-6-1-1X
CT 8318	17639/5685	IRAT 122

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CT 8319	CT7674	P5166-F2-26-1-11
CT 8320	CT7674	IR 1015-72-3-3-3-1
CT 8321	17639/5738	COL 1XMS12A
CT 8322	IRAT 124/60396	IR21015-72-3-3-3-1
CT 8323	IRAT 124/60396	P2887-F4-9-4
CT 8324	ECIA 31-18-11/5685	2940/ 3210
CT 8325	ECIA 31-18-11/17361	2940/ 3210
CT 8326	P3081 F4-76/IRAT 120	2940/ 3210
CT 8327	26444	BL562-2
CT 8328	P2945 F4-41-1	IR 4568-225-3-2/ CAMPOI
CT 8329	6Z B64-2-3-1	COL 1XMS12A
CT 8330	5685/COL 1 X MS12A	P2887-F4-9-4
CT 8331	P3059 F4-25-3	COL 1XMS12A
CT 8332	ECIA 24-107-1	IR 21015-72-3-3-3-1
CT 8333	P2859 F4-99-1	IR 21015-72-3-3-3-1
CT 8334	P2859 F4-99-1	COL 1XMS12A
CT 8335	IR 21015-72-3-3-3-1	ANAYANSI
CT 8336	IR 21015-72-3-3-3-1	COL 1XMS12A
CT 8337	23916	IR 21015-72-3-3-3-1
CT 8338	11219	IR 21015-72-3-3-3-1
CT 8339	11643	IR 21015-72-3-3-3-1
CT 8340	26444	ANAYANSI
CT 8341	3210/2940	26444
CT 8342	3210/2940	ECIA 31-18-11
CT 8343	3210/2940	P2859-F4-99-1
CT 8344	16267/IRAT 121	ECIA 24-107-1
CT 8345	16267/IRAT 121	CT7704
CT 8346	IRAT 124/60359	11219
CT 8347	IRAT 124/60359	23916
CT 8348	26444/IRAT 122	23916
CT 8349	26444/IRAT 120	UP1541
CT 8350	IRAT 124/60396	P3059-F4-25-3
CT 8351	IRAT 124/60396	23916
CT 8352	IRAT 124/60396	11219
CT 8353	P2945 F4-41-1/IRAT 120	26444
CT 8354	26444/P2778 F4-82-2	2940/3210
CT 8355	ECIA 24107-1/IR 25840-64-1-3	26444
CT 8356	IR 25840-64-1-3/IRAT 122	P2887-F4-9-4
CT 8357	P2945 F4-41-1/IRAT 122	26444
CT 8358	ECIA24-107-1/ IRAT 122	P308-F4-73
CT 8359	P-3081-F4-76/IRAT 122	2940/3210
CT 8360	P-3081-F4-76/26444	CAMPECHE A-80
CT 8361	P-2887-F4-76/IRAT 122	P3081-F4-2
CT 8362	P2887 F4-9-4/IRAT 120	P3081-F4-2
CT 8363	P-3081-F4-34/UP1541	P2867-F4-52-2
CT 8364	P-3081-F4-34/UP1541	6Z B64-2-3-1
CT 8365	UP1541/P3081 F4-76	2940/3210
CT 8366	V-224-84/17361	2940/3210
CT 8367	17639/5738	P3790-F4-6-1-11
CT 8368	17639/5738	IR 21015-72-3-3-3-1

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CT 8369	25592/IRAT 124	26444
CT 8370	38440-3/38803-1	P4278-F2-80-4-1X
CT 8371	38796-2/5738	P2887-F4-9-4
CT 8372	38796-2/5738	P3059-F4-79-1
CT 8373	38409-1/38941-1	26444
CT 8374	17639/IRAT 120	26444
CT 8375	17639/IRAT 120	P4278-F2-80-4-1X
CT 8376	17639/IRAT 120	P5166-F2-26-1-1X
CT 8377	38440-1/38797-1	26444
CT 8378	38440-1/38797-1	P3059-F4-79-1
CT 8379	5685/COL 1XMS12A	P4278-F2-80-4-1X
CT 8380	UP1580/5738	P3790-F4-6-1-1X
CT 8381	UP1580/5738	COL 1XMS12A
CT 8382	LL 5/IRAT 124	IAC 165
CT 8383	F3081 F4-76/P2887 F4-9-4	23916
CT 8384	TOX891-212-2-102-2-101-/IRAT 120	TOX 1768-1-2-1
CT 8385	TOX891-212-2-102-2-101-/IRAT 120	TOX 1871-38-1
CT 8386	TOX891-212-2-102-2-101-/IRAT 120	TOX 718-AL-11-CM
CT 8387	TOX891-212-2-102-2-101-/IRAT 120	COL 1XMS12A
CT 8388	TOX891-212-2-102-2-101-/IRAT 120	TOX 1011-4-1
CT 8389	TOX 906-2-1-202-2-4-1B/COLUMBIA 1	TOX 1768-1-2-2
CT 8390	TOX 1010-24-6-1B/COL 1XMS12A	TOX 1768-1-2-2
CT 8391	TOX 1010-24-6-1B/COL 1XMS12A	IAC 47
CT 8392	TOX 1010-24-6-1B/COLUMBIA 1	TOX 1768-1-2-2
CT 8393	TOX 1010-24-6-1B/COLUMBIA 1	IAC 164
CT 8394	TOX 1010-24-6-1B/IRAT 120	TOX 718-AL-27-CM
CT 8395	TOX 1010-24-6-1B/IRAT 120	TOX 718-AL-11-CM
CT 8396	TOX 1010-45-1-1/IRAT 120	COL 1XMS12A
CT 8397	TOX 1774-M-1-2/IRAT 120	TOX 1785-19-18
CT 8398	TOX 1780-2-3-201-1/COLUMBIA 1	IAC 164
CT 8399	TOX 1780-2-3-201-1/COLUMBIA 1	IRAT 112
CT 8400	TOX 1859-102-6/COL 1XMS12A	IRAT 112
CT 8401	TOX 1859-102-6/COL 1XMS12A	TOX 1768-1-2-2
CT 8402	TOX 1859-102-6/COL 1XMS12A	TOX 1780-2-1-1P-2
CT 8403	TOX 1859-102-6/COL 1XMS12A	IAC 164
CT 8404	TOX 1859-102-6/COL 1XMS12A	TOX 718-AL-11-CM
CT 8405	TOX 1859-102-5M/COLUMBIA 1	TOX 1768-1-2-2
CT 8406	TOX 1859-102-5M/COL 1XMS12A	TOX 718-AL-11-CM
CT 8407	TOX 1859-102-5M/COL 1XMS12A	IAC 47
CT 8408	TOX 1859-102-4/COLUMBIA 1	TOX 1785-19-18
CT 8409	TOX 1859-102-3/COL 1XMS12A	IAC 47
CT 8410	TOX 1859-102-3/COL 1XMS12A	IAC 47
CT 8411	TOX 1859-102-3/COL 1XMS12A	TOX 1768-1-2-2
CT 8412	TOX 1859-102-3/COL 1XMS12A	TOX 1785-19-18
CT 8413	TOX 1859-102-3/COL 1XMS12A	TOX 718-AL-27-CM
CT 8414	IAC 25XPJ110-99-1-4-1/IRAT 120	TOX 1768-1-2-1
CT 8415	IAC 25XPJ110-99-1-4-1/IRAT 120	TOX 1011-4-1
CT 8416	IAC 25XPJ110-99-1-4-1/IRAT 120	TOX 1785-19-18
CT 8417	IAC 25XPJ110-99-1-4-1/COL 1XMS12A	TOX 1837-103-4
CT 8418	IAC 25XPJ110-99-1-4-1/COL 1XMS12A	TOX 1768-1-2-1

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CT 8419	IAC 25XPJ110-99-1-4-1/COL 1XMS12A	TOX 1768-1-2-2
CT 8420	RHS-107-2-1-21B-1JU/COL 1XMS12A	TOX 936-81-3-5-201-1B
CT 8421	RHS-107-2-1-21B-1JU/COL 1XMS12A	TOX 1768-1-2-2
CT 8422	LL 5/COL 1XMS12A	TOX 1859-102-4M-4
CT 8423	LL 5/COL 1XMS12A	TOX 1859-102-SM-4
CT 8424	LL 5/COL 1XMS12A	TOX 1780-2-1-1P-5
CT 8425	KU 9/COL 1XMS12A	TOX 1768-1-2-2
CT 8426	KU 9/COL 1XMS12A	TOX 1780-2-1-1P-2
CT 8427	IRAT 170/IRAT 120	TOX 718-AL-11-CN
CT 8428	KU 9/COL 1XMS12A	IAC 164
CT 8429	UP1541	COL 1XMS12A
CT 8430	16504	IR 21015-72-3-3-3-1
CT 8431	DIMANI	IR 21015
CT 8432	ECIA 24-107-1	COL 1XMS12A
CT 8433	18521	COL 1XMS12A
CT 8434	P2887-F4-9-4	COL 1XMS12A
CT 8435	23916	COL 1XMS12A
CT 8436	11643 X2	18521
CT 8437	11643 X2	CT7B4B
CT 8438	C1CAB X3	CT7999
CT 8439	25592/5685	COL 1XMS12A
CT 8440	TOX 1871-15-1/IRAT 120	P2887-F4-9-4
CT 8441	TOX 1871-15-1/IRAT 120	IR 21015-3-3-3-1
CT 8442	NGOVIE/IRAT 120	P2887-F4-9-4
CT 8443	NGOVIE/IRAT 120	IR 21015
CT 8444	TOX 1859-102-3P/IRAT 120	IR21015-3-3-3-1
CT 8445	TOX 1859-102-3P/IRAT 120	CEYSVONI
CT 8446	TOX 1859-102-4/IRAT 120	P2887-F4-9-4
CT 8447	TOX 1859-102-4/IRAT 120	IR21015-3-3-3-1
CT 8448	TOX 1871-15-1/COL 1XMS12A	P3059-F4-79-1
CT 8449	TOX 1871-15-1/COL 1XMS12A	P2887-F4-9-4
CT 8450	TOX 1871-15-1/COL 1XMS12A	CEYSVONI
CT 8451	TOX 1871-15-1/COL 1XMS12A	IR21015-72-3-3-3-1
CT 8452	TOX 1858-91-201-1B/IRAT 120	P3059-F4-79-1
CT 8453	TOX 1858-91-201-1B/IRAT 120	P2887-F4-9-4
CT 8454	TOX 1858-91-201-1B/IRAT 120	IR21015-3-3-3-1
CT 8455	TOX 1859-102-4/COL 1XMS12A	P3059-F4-79-1
CT 8456	TOX 1859-102-4/COL 1XMS12A	CEYSVONI
CT 8457	TOX 1859-102-4/COL 1XMS12A	IR21015-3-3-3-1
CT 8458	TOX1768-1-2-1/IRAT120	CEYSVONI
CT 8459	TOX1768-1-2-1	IR21015-3-3-3-1
CT 8460	TOX1010-24-2-1B/IRAT120	IAC164
CT 8461	TOX1010-24-6-1B/COL1XMS12A	TOX1780-2-3-201-2
CT 8462	IAC25/PU110-99-1-4-1/IRAT120	TOX718-AL-11-CN
CT 8463	2940/3210	16504
CT 8464	3210/CAMPONI	IR21015-72-3-3-3-1
CT 8465	R4S107-2-21-8-JU/IRAT120	TOX718-AL-27-CN
CT 8466	TOX718-AL-11-CN-JU/IRAT120	COL1XMS12A
CT 8467	TOX718-AL-11-CN-JU/IRAT120	TOX1780-2-3-201-2
CT 8468	TOX1858-91-201-1B/IRAT120	26444

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CT 8469	TOX1859-102-4/COL1XMS12A	P2887-F4-9-4
CT 8470	TOX1859-102-4/COL1XMS12A	26444
CT 8471	TOX1859-102-3P/IRAT120	P2887-F4-9-4
CT 8472	KB	26444
CT 8473	KB	COL1XMS12A
CT 8474	18493	COL1XMS12A
CT 8475	P3081F4-76	COL1XMS12A
CT 8476	P3293F4-49	COL1XMS12A
CT 8477	2940	COL1XMS12A
CT 8478	6850/86 402-4	P2887F4-9-4
CT 8479	7152	IR21015-72-3-3-3-1
CT 8480	COL1XMS12A	26444
CT 8481	KB	IR21015-72-3-3-1
CT 8482	26444/60356	P2887F4-9-4
CT 8483	CR1113/26444	P3059F4-25-3
CT 8484	CR1113/26444	IR21015-72-3-3-3-1
CT 8485	CR1113/26444	11219
CT 8486	CR1113/26444	P2887F4-9-4
CT 8487	IRAT124/26444	11219
CT 8488	IRAT124/26444	23916
CT 8489	26444/11219	P3059F4-25-3
CT 8490	26444/11219	IR21015-72-3-3-3-1
CT 8491	26444/11219	P2887F4-9-4
CT 8492	CEYSVONI/60356	P3059F4-25-3
CT 8493	CEYSVONI/60356	IR21015-72-3-3-3-1
CT 8494	CEYSVONI/60356	11219
CT 8495	23916/60359(LISA)	IR21015-72-3-3-3-1
CT 8496	23916/60356	P2887F4-9-4
CT 8497	23916/60356	P3059F4-25-3
CT 8498	23916/60356	IR21015-72-3-3-3-1
CT 8499	26444/60359	P3059F4-25-3
CT 8500	26444/60359	P2887F4-9-4
CT 8501	26444/60359	23916
CT 8502	DIWANI/60396	P2887F4-9-4
CT 8503	DIWANI/60396	11219
CT 8504	DIWANI/60396	P3059F4-25-3
CT 8505	DIWANI/60359	P2887F4-9-4
CT 8506	60359 (L.)/CEYSVONI	P3059F4-25-3
CT 8507	60359 (H.L.)/CEYSVONI	P2887F4-9-4
CT 8508	67864-2-3-1/26444	P2887F4-9-4
CT 8509	67864-2-3-1/26444	IR21015-72-3-3-3-1
CT 8510	67864-2-3-1/26444	P3059F4-25-3
CT 8511	P3293F4-41-1/60359 (H.L)	IR21015-72-3-3-3-1
CT 8512	P3293F4-41-1/60359 (H.L)	P3059F4-25-3
CT 8513	P3293F4-41-1/60359 (H.L)	IR21015-72-3-3-3-1
CT 8514	P3293F4-41-1/60359 (H.L)	11219
CT 8515	26444/P2778F4-82-2	IR21015-72-3-3-3-1
CT 8516	26444/P2778F4-82-2	2887F4-9-4
CT 8517	P3293F4-41-1/60356	11219
CT 8518	P3293F4-41-1/60356	IR21015-72-3-3-3-1

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 8519	26444/P3059F4-25-3	11219
CT 8520	P3081F4-2/60356	23916
CT 8521	P3081F4-2/60356	P3059F4-25-3
CT 8522	P3081 F4-2/60359	P3059F4-25-3
CT 8523	IR21015-72-3-3-3-3-1/60359(H.LISA)	P3059F4-25-3
CT 8524	2940	IR21015-72-3-3-3-1
CT 8525	TOX1871-15-1/IRAT120	CEYSVONI
CT 8526	NGOVIE/IRAT120	CEYSVONI
CT 8527	NGOVIE/IRAT120	26444
CT 8528	TOX936-81-3-5-201-1B/IRAT120	IR21015-72-3-3-3-1
CT 8529	TOX936-81-3-5-201-1B/IRAT120	P2887F4-9-4
CT 8530	TOX936-81-3-5-201-1B/IRAT120	CEYSVONI
CT 8531	TOX1859-102-3P/IRAT120	26444
CT 8532	TOX1768-1-2-1/IRAT120	P2887F4-9-4
CT 8533	TOX1859-102-3P/IRAT120	P3059F4-79-1
CT 8534	TOX1859-102-4/IRAT120	26444
CT 8535	TOX1871-15-1/COL1X MS12A	26444
CT 8536	TOX1768-1-2-1/IRAT120	26444
CT 8537	TOX1858-91-201-1B/UP658	TOX1177-32
CT 8538	TOX1858-91-201-1B/UP658	TOX1785-19-18
CT 8539	TOX1858-91-201-1B/UP658	TOX718-1-23
CT 8540	TOX1859-102-5M-4/COL1XMS12A	TOX718-1-23
CT 8541	TOX1859-102-5M-4/COL1XMS12A	TOX1785-19-18
CT 8542	TOX1859-102-5M-4/COL1XMS12A	TOX1768-1-2-1
CT 8543	TOX1859-102-5M-4/COL1XMS12A	IAC165
CT 8544	TOX1859-102-5M-4/COL1XMS12A	KHADLO/IR8
CT 8545	TOX1859-102-5M-4/IRAT124	TOX1011-4-1
CT 8546	TOX1859-102-5M-4/IRAT124	TOX718-1-23
CT 8547	TOX1859-102-5M-4/IRAT124	TOX1785-19-18
CT 8548	TOX1859-102-5M-4/IRAT124	COL1XMS12A
CT 8549	TOX1859-102-5M-4/IRAT124	TOX1768-1-2-2
CT 8550	TOX1859-102-5M-4/IRAT124	TOX718-AL-11-CM-JN
CT 8551	TOX1859-102-5M-4/IRAT124	TOX1780-2-3-201-2
CT 8552	TOX1859-102-5M-7/COL1XMS12A	TOX1871-38-1
CT 8553	TOX1859-102-5M-7/COL1XMS12A	TOX718-AL-27CM
CT 8554	TOX1859-102-5M-7/COL1XMS12A	TOX936-81-3-5-201-1B
CT 8555	TOX1859-102-5M-7/COL1XMS12A	TOX1768-1-2-2
CT 8556	TOX1859-102-5M-7/COL1XMS12A	TOX1837-103-1-4
CT 8557	TOX1859-102-5M-7/IRAT124	COL1XMS12A
CT 8558	TOX1859-102-5M-7/IRAT124	TOX718-1-23
CT 8559	TOX1859-102-5M-7/IRAT124	TOX1785-19-18
CT 8560	TOX1859-102-5M-7/IRAT124	IRAT112
CT 8561	TOX1859-102-5M-7/IRAT124	TOX1177-32
CT 8562	TOX1859-102-5M-7/IRAT124	TOX718-AL-11CM
CT 8563	CT7523/CAMPECHE ABO #2	CAMPECHE ABO
CT 8564	CT7522/CICA B#2	CICA B
CT 8565	CT6777-6-11-1X	CT6278-3-6-1X
CT 8566	CT6777-6-11-1X	CT6241-11-13-3X
CT 8567	CT6776-8-9-3X	CT6241-17-1-1X
CT 8568	CT6777-5-2-2X	CT6241-16-20-1X

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CT 8569	CT6777-5-2-3X	CT6241-17-3-3X
CT 8570	CT6278-3-14-1X	CT6241-17-2-1X
CT 8571	CT6777-5-2-1X	CT6241-11-3-2X
CT 8572	CT6777-6-5-1X	CT6241-16-3-3X
CT 8573	CT6776-8-9-6X	TDX1959-102-6M-3
CT 8574	CT6776-8-9-1X	CT6241-11-1-2X
CT 8575	CT6241-16-18-1X	CT6278-3-6-2X
CT 8576	CT6776-8-12-2X	CT6241-11-13-2X
CT 8577	CT6777-6-11-2X	CT6776-7-27-1X
CT 8578	CT6241-16-3-1X	CT6777-6-10-1X
CT 8579	CT6776-8-9-5X	CT6241-11-2-1X
CT 8580	CT6777-5-3-3X	CT6278-4-17-1X
CT 8581	CT6278-3-14-5X	CT6776-8-7-1X
CT 8582	CT6241-17-1-7X	CT6776-7-19-2X
CT 8583	CT6241-11-2-2X	CT6776-7-32-3X
CT 8584	CT6278-4-14-1X	CT6776-8-12-7X
CT 8585	CT6241-17-7-3X	CT6776-8-5-6X
CT 8586	G2864-2-3-1	CT7768
CT 8587	86-90-2/DI/MANI	IR21015-72-3-3-3-1
CT 8588	CEYSVDNI/IRAT 122	IR21015-72-3-3-3-1
CT 8589	IR 46/IRAT 120	CT7680
CT 8590	17361/IRAT 124	ECIA31-21-1-1
CT 8591	17361/IRAT 124	P3059F4-25-3-1B-1X
CT 8592	17361/IRAT 124	P3299F4-86
CT 8593	17361/IRAT 124	P3081F4-2
CT 8594	17361/IRAT 124	P3084F4-56-2-2
CT 8595	17361/IRAT 124	P3062F4-73
CT 8596	17361/IRAT 124	P2859F4-99-1
CT 8597	17361/IRAT 124	2940/ 3210
CT 8598	17361/IRAT 124	26444/ 11219
CT 8599	17361/IRAT 124	P2887F4-9-4
CT 8600	26444/IRAT 120	P2786F4-19-7-4
CT 8601	26444/IRAT 120	P 2231 F4-13B-6-1B
CT 8602	ECIA24-107-1/IR25840-64-1-3	17361/ IRAT 124
CT 8603	ECIA24-107-1/16404	P3081F4-76
CT 8604	P3304F4-5-1/IRAT 120	P3059F4-25-3-1B-1X
CT 8605	P2945F4-41-1/ECIA24-107-1	P2887F4-9-4
CT 8606	16404/ECIA31-19-11	P3081F4-76
CT 8607	IR25840-64-1-3/IRAT 120	P2887F4-9-4
CT 8608	P3081F4-76/18493	P2062F4-17-33-1-1B
CT 8609	IAC-25+PJ110-49-1-4-1/IRAT 124	TOX 1859-102-SM-4
CT 8610	IAC-25+PJ110-49-1-4-1/IRAT 124	IAC 164
CT 8611	IAC-25+PJ110-49-1-4-1/IRAT 124	TDX 1011-4-1
CT 8612	LL5/IRAT 124	TDX 718/AE-11-1CM-13U
CT 8613	LL5/IRAT 124	TDX 1859-102-SM-4
CT 8614	38803-2/DRYZICA 1	P3790F4-6-1-1X
CT 8615	17639/5685	P2887F4-9-4
CT 8616	P3059F4-136-4-10M-1B-1X	P 1274-6-1M-1-3K-1
CT 8617	COL 1/M312R/74-2-8-8	IR24761-57-2
CT 8618	TOX1780-2-3-5	COL 1 /M312R /74-2-8-8

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CT 8619	DIWANI	TOX1871-15-1
CT 8620	PDR76-D10-D8-D1	TOX1766-9-4-1B
CT 8621	PDR34-2-1-2	TOX1766-9-4-1B
CT 8622	P5166F2-26-1-1X	TOX891-212-2-102-101-1-1
CT 8623	TOX891-212-2-102-2-101-1	PDR76-D10-D8-D1
CT 8624	P4278F2-58-4-1X	TOX891-212-2-102-101-1-1
CT 8625	P5166F2-26-1-1X	TOX1768-1-2-1
CT 8626	TOX1768-1-2-1	PDR34-2-1-2
CT 8627	TOX1768-1-2-1	PDR76-D10-D8-D1
CT 8628	IRAT 122	IR21015-72-3-3-3-1
CT 8629	COL 1/M312A/74-2-B-8	IR 3273-339-2-5
CT 8630	TOX1780-2-3-5	IRAT 122
CT 8631	COL 1/M312A/74-2-B-8	P4127F3-33-3-1B-1X
CT 8632	IRAT 122	P4127F3-33-3-1B-1X
CT 8633	IRAT 122	B2850B-51-2-3
CT 8634	IRAT 122	PDR76-D10-D8-D1
CT 8635	P3059F4-79-1-1B	RD 3
CT 8636	P4277F2-2-9-1X	COL 1/M312A/74-2-B-8
CT 8637	TOX891-212-2-102-2-101-1	MRC5720-3427
CT 8638	P3844F3-19-1-1B-1X	IRAT 120
CT 8639	RD 3	IRAT 120
CT 8640	TOX1768-1-2-1	P4725F2-43-1B-1X
CT 8641	P5166F2-26-1-1X	TOX1840-3-2-3X
CT 8642	P3059F4-79-1-1B	IRAT 122
CT 8643	P3059F4-79-1-1B	P4711F2-51-5-1X
CT 8644	IR21015-72-3-3-3-1	COL 1/M312A/74-2-B-8
CT 8645	IRAT 122	TOX1816-102-3(ENANA)
CT 8646	PDR34-2-1-2	COL 1/M312A/74-2-B-8
CT 8647	P 1274-6-BM-1-3M-1	TOX1858-91-201-1B(E)
CT 8648	CT8616	COL 1/M312A/74-2-B-8
CT 8649	CT8617	P5166F2-26-1-1X
CT 8650	CT8618	P4278F2-80-4-1X
CT 8651	CT8621	IRAT 120
CT 8652	CT8622	IRAT 122
CT 8653	CT8623	IRAT 120
CT 8654	CT8624	IRAT 120
CT 8655	CT8625	COL 1/M312A/74-2-B-8
CT 8656	CT8626	COL 1/M312A/74-2-B-8
CT 8657	CT8628	P4743F2-85-6-1X
CT 8658	CT8629	P3843F4-10-5
CT 8659	CT8630	P4711F2-5-5
CT 8660	CT8631	P4711F2-5-5
CT 8661	CT8632	P3059F4-79-1-1B
CT 8662	CT8633	P3084F4-56-2-2
CT 8663	CT8634	TOX 1785-19-1B
CT 8664	CT8635	COL 1/M312A/74-2-B-8
CT 8665	CT8636	P3059F4-79-1-1B
CT 8666	CT8638	DIWANI
CT 8667	CT8639	P3084F4-56-2-2
CT 8668	CT8640	COL 1/M312A/74-2-B-8

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CT 8669	CT8641	COL 1/M312A/74-2-8-8
CT 8670	CT8642	DIMANI
CT 8671	CT8643	COL 1/M312A/74-2-8-8
CT 8672	CT8644	P3084F4-56-2-2
CT 8673	CT8644	P3059F4-79-1-1B
CT 8674	CT8644	TOX1871-15-1
CT 8675	CT8645	P4278F2-84-1-5X
CT 8676	CT8646	P3059F4-79-1-1B
CT 8677	CT8646	CEYSVONI
CT 8678	CT8646	P4711F2-5-5
CT 8679	CT8647	COL 1/M312A/74-2-8-8
CT 8680	CT8617	P3059F4-79-1-1B
CT 8681	CT8617	P3084F4-56-2-2
CT 8682	CT8617	P4278F2-80-4-1X
CT 8683	CT8618	P3059F4-79-1-1B
CT 8684	CT8618	P3790F4-6-1-1X
CT 8685	CT8618	P4711F2-5-5
CT 8686	CT8618	P5166F2-26-1-1X
CT 8687	CT8622	TRAT 120
CT 8688	CT8622	COL 1/M312A/74-2-8-8
CT 8689	CT8623	COL 1/M312A/74-2-8-8
CT 8690	CT8623	TRAT 122
CT 8691	CT8624	COL 1/M312A/74-2-8-8
CT 8692	CT8628	P3084F4-56-2-2
CT 8693	CT8628	P4278F2-80-4-1X
CT 8694	CT8628	P3059F4-136-4-10M-1B-1X
CT 8695	CT8628	P3059F4-79-1-1B
CT 8696	CT8629	P4729F2-15-3
CT 8697	CT8630	P3790F4-6-1-1X
CT 8698	CT8630	P4278F2-80-4-1X
CT 8699	CT8630	P3059F4-79-1-1B
CT 8700	CT8631	P3084F4-56-2-2
CT 8701	CT8631	CEYSVONI
CT 8702	CT8631	DIMANI
CT 8703	CT8631	TOX1757-3-4
CT 8704	CT8631	CAMPONI
CT 8705	CT8631	JAC 435
CT 8706	CT8632	DIMANI
CT 8707	CT8632	P4711F2-5-5
CT 8708	CT8633	P3059F4-79-1-1B
CT 8709	CT8633	P4711F2-5-5
CT 8710	CT8633	TOX891-212-2-102-2-101-/-1B-3X
CT 8711	CT8633	TOX 1785-19-1B
CT 8712	CT8633	TOX1857-3-4
CT 8713	CT8633	CEYSVONI
CT 8714	CT8634	CEYSVONI
CT 8715	CT8634	P3059F4-79-1-1B
CT 8716	CT8634	P3084F4-56-2-2
CT 8717	CT8636	P4711F2-5-5
CT 8718	CT8636	P3844F3-19-1-1B-1X

NO. CRUCE	PROGENITOR FEMENINO	PROGENITOR MASCULINO
CT 8719	CT8636	DIWANI
CT 8720	CT8639	TOX891-212-2-102-2-101-/-18-3X
CT 8721	CT8639	CEYSVONI
CT 8722	CT8642	P4711F2-5-5
CT 8723	CT8642	P427BF2-84-1-5X
CT 8724	CT8642	TOX1871-15-1
CT 8725	CT6896	P3059F4-79-1-1B
CT 8726	CT6896	P427BF2-80-4-1X
CT 8727	CT6896	P5166F2-26-1-1X
CT 8728	CT6896	P3084F4-56-2-2
CT 8729	CT8628	P3844F3-22-1-1X
CT 8730	CT7281	P3084F4-56-2-2
CT 8731	TOX1780-2-3-201-1	CT5632
CT 8732	CT7660	P427BF2-80-4-1X
CT 8733	CT7661	P427BF2-80-4-1X
CT 8734	CT7661	P2887F4-9-4
CT 8735	CT7668	COL 1/K312A/74-2-8-B
CT 8736	CT7675	P427BF2-80-4-1X
CT 8737	CT7675	IRAT 122
CT 8738	CT8020	TOX 1010-2-15
CT 8739	CT8023	TOX1780-2-3-201-2
CT 8740	CT8033	TOX 1010-2-15
CT 8741	CT8034	TOX 1010-2-15
CT 8742	CT8631	P3621F2-1-2-7-1B
CT 8743	CT8639	TOX1857-3-4
CT 8744	CT6503	P3059F4-79-1-1B
CT 8745	CT6503	P3299F4-33-1B-1X
CT 8746	CT6503	P4743F2-85-6-1X
CT 8747	CT6503	P3844F3-22-1-1X
CT 8748	CT6503	P2851F4-145-9-5P-1B-10
CT 8749	CT6503	P4711F2-6-5-1X
CT 8750	CT8645	P4711-F2-5-5
CT 8751	CT8645	P3059F4-79-1-1B
CT 8752	CT8634	TOX891-212-2-102-2-101-/-18-3X
CT 8753	CT8634	P4711-F2-5-5
CT 8754	CT8634	TOX1857-3-4
CT 8755	CT8628	P4711F2-6-5-1X
CT 8756	CT8637	COL 1/K312A/74-2-8-B
CT 8757	CT8630	P5166F2-26-1-1X
CT 8758	CT8630	P3621-F2-1-2-7-1B
CT 8759	CT8640	IRAT 120
CT 8760	CT8640	IRAT 122
CT 8761	CT8627	COL 1/K312A/74-2-8-B
CT 8762	CT8619	COL 1/K312A/74-2-8-B
CT 8763	CT8638	P3059F4-79-1-1B
CT 8764	CT8638	P4711-F2-5-5
CT 8765	CT8629	P4743-F3-65-1
CT 8766	CT8629	P3621-F2-1-2-7-1B
CT 8767	CT8629	P4711-F2-5-5
CT 8768	CT8643	IRAT 122

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CT 8769	CT8621	IRAT 122
CT 8770	CT7668	IRAT 122
CT 8771	CT7660	F2887F4-9-4
