## **Supplementary Tables**

Table S1. Features of previously detected 2HOM blocks (Martens and Van de Peer 2010). TE-containing blocks include at least one gene showing significant similarity to the Repbase transposable element database (Jurka et al. 2005).

Species	2HOM blocks	TE- containing	>2 copies	Same scaffold	Non-TE, 2 copies, different scaffolds
P. infestans	253	50	60	65	119
P. ramorum	128	11	22	61	48
P. sojae	207	52	32	81	65

Table S2. All 2HOM blocks found by Martens and van de Peer (2010) and their presence or absence in our dataset. Our method of block detection yielded 345 out of 587 blocks. If a 2HOM block is missing, the cause of this absence is given in this table; the majority of the missing blocks (197) can be explained by our stringent protein family interference (see Supplementary Materials & Methods, here referred to as 'dissimilar families'). Alternatively, a 2HOM block is not detected because the most recent genome version no longer includes one or both genes constituting the block (42 cases, 'gene missing'). Lastly, three 2HOM blocks were not detected because the protein families we constructed consider both genes constituting the block to be part of the same family. Presence or absence of the individual 2HOM block copies is also recorded. In some instances, a 2HOM block is found, but with one or more copies found on a different location ('Present (diff. copies)').

2HOM block	Comparison 2HOM	Comparison copies	Gene1	Family1	Gene2	Family2
BlockID: Pin_1	Dissimilar families	Companison copies	Gener	r anniy r	Genez	r anny 2
BIOOKIB: 1 III_1	Biodiffinal farininos	Block DOES NOT EXIST	PITG 01491	Family13447	PITG_01492	Family12397
		Block DOES NOT EXIST	PITG_20486	Family11771	PITG_20487	Family16368
BlockID: Pin_10	Present	BIOOK BOLO NOT EXIOT	1110_20100	1 anny 11771	1110_20101	r arring rooco
		Block EXISTS	PITG 06546	Family1855	PITG_06547	Family4710
		Block EXISTS	PITG 15081	Family1855	PITG 15082	Family4710
BlockID: Pin_100	Present			,		
		Block EXISTS	PITG 14782	Family374	PITG 14783	Family16976
		Block EXISTS	PITG_14787	Family16976	PITG_14788	Family374
BlockID: Pin_101	Dissimilar families		<u>-</u>	<u> </u>	<del>-</del>	· · · · · · · · · · · · · · · · · · ·
		Block DOES NOT EXIST	PITG_00725	Family1546	PITG_00726	Family6057
		Block DOES NOT EXIST	PITG_00742	Family18065	PITG_00743	Family12988
BlockID: Pin_102	Present			,,		· · · · · · · · · · · · · · · · · · ·
		Block EXISTS	PITG_09522	Family4367	PITG_09523	Family2094
		Block EXISTS	PITG_09629	Family2094	PITG_09630	Family4367
BlockID: Pin_103	Dissimilar families			•		·
<del>-</del>		Block EXISTS	PITG_11941	Family187	PITG_11942	Family412
		Block DOES NOT EXIST	PITG_11956	Family1520	PITG_11957	Family8650
BlockID: Pin_104	Dissimilar families		_	-	_	-
		Block DOES NOT EXIST	PITG_15815	Family6	PITG_15817	Family4156
		Block DOES NOT EXIST	PITG_19676	Family28623	PITG_19677	Family6
BlockID: Pin_105	Present					
		Block DOES NOT EXIST	PITG_14533	Family11906	PITG_14534	Family680
		Block EXISTS	PITG_14543	Family15981	PITG_14546	Family680
		Block EXISTS	PITG_15511	Family680	PITG_15512	Family15981
BlockID: Pin_106	Present					
		Block EXISTS	PITG_05056	Family1782	PITG_22753	Family12051
		Block DOES NOT EXIST	PITG_16555	Family1782	PITG_23078	Family544
		Block EXISTS	PITG_17201	Family1782	PITG_23105	Family12051
		Block EXISTS	PITG_19371	Family1782	PITG_19372	Family12051
BlockID: Pin_107	Dissimilar families					
		Block DOES NOT EXIST	PITG_07589	Family7386	PITG_07591	Family30
		Block DOES NOT EXIST	PITG_18613	Family81	PITG_18614	Family28568
BlockID: Pin_108	Present					
		Block EXISTS	PITG_14037	Family12186	PITG_14038	Family968
		Block EXISTS	PITG_16303	Family968	PITG_16304	Family12186
BlockID: Pin_109	Present					
		Block EXISTS	PITG_12082	Family6904	PITG_23274	Family435
		Block EXISTS	PITG_16579	Family6904	PITG_23082	Family721
		Block EXISTS	PITG_16585	Family435	PITG_16586	Family6904
		Block EXISTS	PITG_16608	Family6904	PITG_16609	Family721
		Block DOES NOT EXIST	PITG_16616	Family8058	PITG_16617	Family6904
		Block EXISTS	PITG_20162	Family6904	PITG_20163	Family435
BlockID: Pin_11	Present	DI 1 51/1055			DITO :	
		Block EXISTS	PITG_10324	Family5809	PITG_10325	Family6924
		Block EXISTS	PITG_19245	Family6924	PITG_19247	Family5809
BlockID: Pin_110	Present	DI 1 E)#272	DITC 22==:		DITC 05	<b>.</b>
		Block EXISTS	PITG_03551	Family203	PITG_03552	Family194
		Block EXISTS	PITG_05675	Family203	PITG_05676	Family194
BlockID: Pin_111	Dissimilar families					

	_	Block DOES NOT EXIST	PITG_19552	Family4697	PITG_19553	Family13090
		Block DOES NOT EXIST	PITG_19554	Family92	PITG_19555	Family12391
BlockID: Pin_112	Present					
	_	Block EXISTS	PITG_10320	Family58	PITG_10321	Family4619
		Block EXISTS	PITG_19249	Family4619	PITG_19250	Family58
BlockID: Pin_113	Dissimilar families	D	DITO (0000	- "	DITO (0000	- "
		Block DOES NOT EXIST	PITG_12627	Family1560	PITG_12629	Family28294
DI 11D D: 111		Block DOES NOT EXIST	PITG_16601	Family11865	PITG_16603	Family435
BlockID: Pin_114	Present	DII- EVIOTO	DITO 00040	F:1-40500	DITO 00745	F:!b-0000
		Block EXISTS	PITG_03216	Family13502	PITG_22715	Family2036
Distribution Distribution	Danasat	Block EXISTS	PITG_06505	Family2036	PITG_06506	Family13502
BlockID: Pin_115	Present	Distriction Co.	DITO 40700	F:1-40070	DITO 40707	F!b-40000
		Block EXISTS	PITG_12706	Family12078	PITG_12707	Family10863
DI 11D D: 110		Block EXISTS	PITG_15453	Family10863	PITG_15454	Family12078
BlockID: Pin_116	Present	DI LEMOTO	DITO 07007	F " 140	DITO 07074	F " 101
		Block EXISTS	PITG_07367	Family113	PITG_07371	Family491
DI 11D D: 117	D: : :: ( :::	Block EXISTS	PITG_12757	Family491	PITG_12758	Family113
BlockID: Pin_117	Dissimilar families	DI I DOFO NOT EVIOT	DITO 10001	F " 0770	DITO 10000	F " 00405
		Block DOES NOT EXIST	PITG_10331	Family2772	PITG_10332	Family28165
Distrib Di 115	District 1 C 111	Block DOES NOT EXIST	PITG_19239	Family11634	PITG_19240	Family2772
BlockID: Pin_118	Dissimilar families	Disal DOEO NOT EVICE	DITC 00.150	F	DITO 2015	F==:9:50
		Block DOES NOT EXIST	PITG_09456	Family611	PITG_09457	Family52
Distrib Di 115	Danie de la constantina della	Block DOES NOT EXIST	PITG_09459	Family611	PITG_22888	Family9350
BlockID: Pin_119	Present	D	DITO (0000	- "	DITO (000)	- "
	_	Block EXISTS	PITG_10333	Family2500	PITG_10334	Family2072
DI 115 DI 10		Block EXISTS	PITG_19235	Family2072	PITG_19237	Family2500
BlockID: Pin_12	Present					
	_	Block EXISTS	PITG_07651	Family2405	PITG_07652	Family245
		Block EXISTS	PITG_18687	Family245	PITG_18688	Family2405
BlockID: Pin_120	Present					
	_	Block EXISTS	PITG_03538	Family213	PITG_03540	Family162
		Block EXISTS	PITG_03542	Family162	PITG_03543	Family213
BlockID: Pin_121	Present		DITC 00.400	- "	DITO 00.100	- "
	_	Block EXISTS	PITG_03438	Family2227	PITG_03439	Family104
		Block EXISTS	PITG_03442	Family104	PITG_03443	Family2227
BlockID: Pin_122	Dissimilar families		DITO 01005	- "	DITO 01000	- "
		Block DOES NOT EXIST	PITG_01685	Family1185	PITG_01686	Family18075
		Block DOES NOT EXIST	PITG_16306	Family12281	PITG_16307	Family12432
		Block DOES NOT EXIST	PITG_18887	Family12281	PITG_18888	Family17330
BlockID: Pin_123	Present	D	DITO (5000	- "	DITO (500)	
	_	Block EXISTS	PITG_15003	Family2538	PITG_15004	Family21
	_	Block EXISTS	PITG_18261	Family21	PITG_18262	Family95
		Block EXISTS	PITG_18263	Family21	PITG_18265	Family2538
BlockID: Pin_124	Present	D	DITO 1010-		DITO 10100	- "
	_	Block EXISTS	PITG_12497	Family7344	PITG_12498	Family6743
D		Block EXISTS	PITG_21211	Family6743	PITG_21212	Family7344
BlockID: Pin_125	Present	Dis all EVICEO	DITC 4555	F 2 0155	DITO 1505	F9 41016
		Block EXISTS	PITG_17351	Family6155	PITG_17352	Family11948
DI LID D' 15-		Block EXISTS	PITG_20726	Family11948	PITG_20727	Family6155
BlockID: Pin_126	Present	DI 1 EVIOTO	DITO COCCO	F 11 00 1	DITO 2004	E "
		Block EXISTS	PITG_02616	Family224	PITG_02617	Family9702
		Block EXISTS	PITG_21763	Family9702	PITG_21764	Family224
BlockID: Pin_127	Present	B			DITO	
		Block EXISTS	PITG_05019	Family9155	PITG_05020	Family2586
		Block DOES NOT EXIST	PITG_14327	Family2586	PITG_14328	Family691
		Block EXISTS	PITG_17180	Family9155	PITG_17181	Family2586
		Block EXISTS	PITG_18563	Family9155	PITG_18564	Family2586
BlockID: Pin_128	Dissimilar families					
		Block EXISTS	PITG_07727	Family1036	PITG_07728	Family239
		Block DOES NOT EXIST	PITG_20012	Family28644	PITG_20013	Family4613

BlockID: Pin_129	Dissimilar families	Disak DOES NOT EVIST	DITC 15202	Family 4.44	DITC 15202	Family 2444
		Block DOES NOT EXIST Block DOES NOT EXIST	PITG_15392 PITG_21283	Family441 Family28720	PITG_15393 PITG_21284	Family3441 Family28721
BlockID: Pin_13	Present (diff. copies)	BIOCK DOES NOT EXIST	P11G_21263	raililiy20720	PITG_21264	ranny20721
DIOCKID. I III_13	r resent (uni. copies)	Block DOES NOT EXIST	PITG_18663	Family1970	PITG_18664	Family14489
		Block EXISTS	PITG 20859	Family14489	PITG 23194	Family12441
BlockID: Pin_130	Dissimilar families	DIOCK EXIOTO	1110_20000	1 army 14400	1110_20104	1 anny 1244 1
BIOOKID: 1 III_100	Dissimilar families	Block DOES NOT EXIST	PITG_09531	Family5744	PITG_09532	Family28121
		Block DOES NOT EXIST	PITG_09533	Family28122	PITG 09534	Family5744
BlockID: Pin_131	Dissimilar families	2.00.0 2 0 2 0 1 1 0 1 2 1 1 0 1	0_00000	,		,
		Block DOES NOT EXIST	PITG_15479	Family15412	PITG_15480	Family72
		Block DOES NOT EXIST	PITG_16817	Family72	PITG 16818	Family3361
BlockID: Pin_132	Dissimilar families		<del>-</del>	,		, , , , , , , , , , , , , , , , , , ,
		Block DOES NOT EXIST	PITG_16068	Family10529	PITG_16069	Family937
		Block DOES NOT EXIST	PITG_16074	Family937	PITG_16075	Family17563
BlockID: Pin_133	Dissimilar families					
		Block DOES NOT EXIST	PITG_18140	Family555	PITG_18141	Family10303
		Block DOES NOT EXIST	PITG_18142	Family1153	PITG_18144	Family555
BlockID: Pin_134	Present					
		Block DOES NOT EXIST	PITG_09053	Family555	PITG_09054	Family18143
		Block EXISTS	PITG_18137	Family555	PITG_23120	Family14487
		Block EXISTS	PITG_18145	Family555	PITG_18147	Family14487
BlockID: Pin_135	Dissimilar families					
		Block DOES NOT EXIST	PITG_15116	Family78	PITG_15117	Family116
		Block DOES NOT EXIST	PITG_15118	Family13918	PITG_15119	Family78
BlockID: Pin_136	Present					
		Block EXISTS	PITG_00099	Family6901	PITG_00100	Family512
		Block EXISTS	PITG_00104	Family512	PITG_00106	Family6901
		Block EXISTS	PITG_06145	Family512	PITG_06146	Family6901
		Block EXISTS	PITG_06155	Family6901	PITG_06156	Family512
		Block EXISTS	PITG_06161	Family6901	PITG_06162	Family512
D		Block EXISTS	PITG_06166	Family6901	PITG_06167	Family512
BlockID: Pin_137	Dissimilar families	Disal DOEO NOT EVICE	DITO 40454	F!b-000	DITO 40450	F!b-40400
		Block DOES NOT EXIST	PITG_18151	Family320	PITG_18152 PITG 23149	Family16199
Disability Dis 120	Drocont	Block DOES NOT EXIST	PITG_18984	Family18067	PITG_23149	Family320
BlockID: Pin_138	Present	Block EXISTS	DITC 05007	Family/16/17	DITC 22756	Family111
		Block EXISTS	PITG_05097 PITG_19230	Family4647 Family4647	PITG_22756 PITG_19231	
BlockID: Pin_139	Present	DIOCK EXISTS	P11G_19230	raililiy4047	P11G_19231	Faililly 111
DIOCKID. I III_139	i iesent	Block EXISTS	PITG_13044	Family1998	PITG_13045	Family10140
		Block EXISTS	PITG_13047	Family10140	PITG_13048	Family1998
BlockID: Pin_14	Present	Block Extore	1110_10011	1 411111 10110	1110_10010	r army rooc
2.002		Block EXISTS	PITG_14493	Family14477	PITG_14494	Family11019
		Block EXISTS	PITG_19491	Family11019	PITG 19492	Family14477
BlockID: Pin_140	Dissimilar families		-	,		,,
<b>_</b>		Block DOES NOT EXIST	PITG_03905	Family9593	PITG_03906	Family9683
		Block DOES NOT EXIST	PITG_17637	Family7424	PITG_17638	Family9593
BlockID: Pin_141	Present		<u></u>	·		·
		Block EXISTS	PITG_03439	Family104	PITG_03440	Family563
		Block EXISTS	PITG_03441	Family563	PITG_03442	Family104
BlockID: Pin_142	Dissimilar families					
		Block DOES NOT EXIST	PITG_16507	Family368	PITG_16510	Family70
		Block DOES NOT EXIST	PITG_18068	Family10302	PITG_18069	Family41
BlockID: Pin_143	Dissimilar families					
		Block DOES NOT EXIST	PITG_16230	Family70	PITG_16233	Family2866
		Block DOES NOT EXIST	PITG_16418	Family2866	PITG_16420	Family11825
BlockID: Pin_144	Present	<del></del>				
		Block EXISTS	PITG_16167	Family70	PITG_16168	Family243
		Block DOES NOT EXIST	PITG_16169	Family418	PITG_16170	Family70
		Block EXISTS	PITG_16176	Family243	PITG_16177	Family70

		Block EXISTS	PITG_18800	Family243	PITG_18801	Family70
BlockID: Pin_145	Dissimilar families	Distribution NOT EVICE	DITO 40400	F!l10050	DITO 00074	F!L-0770
		Block DOES NOT EXIST	PITG_16422	Family16952	PITG_23074	Family9770
DisabilDi Dis 140	Dunnant	Block DOES NOT EXIST	PITG_20933	Family16952	PITG_20934	Family2866
BlockID: Pin_146	Present	Block EXISTS	PITG_16564	Family9456	PITG_16565	Family14417
		Block EXISTS	PITG_18109	Family9456	PITG_18110	Family14417
		Block DOES NOT EXIST	PITG_18350	Family9456	PITG_18351	Family18147
BlockID: Pin_147	Dissimilar families	Blook Bozo No. Extor	1110_10000	- Carringe rec	1110_10001	r army ro r rr
		Block DOES NOT EXIST	PITG_10334	Family2072	PITG_10335	Family28166
		Block DOES NOT EXIST	PITG_19234	Family3967	PITG_19235	Family2072
BlockID: Pin_148	Dissimilar families			•		•
_		Block DOES NOT EXIST	PITG_07995	Family160	PITG_07996	Family115
		Block DOES NOT EXIST	PITG_19212	Family115	PITG_19213	Family245
BlockID: Pin_149	Present					-
		Block EXISTS	PITG_14650	Family18203	PITG_14651	Family1921
		Block EXISTS	PITG_14652	Family1921	PITG_14653	Family18203
BlockID: Pin_15	Present					
		Block EXISTS	PITG_03215	Family2038	PITG_03216	Family13502
		Block EXISTS	PITG_06506	Family13502	PITG_06507	Family2038
BlockID: Pin_150	Present					
		Block EXISTS	PITG_06834	Family540	PITG_06835	Family2132
		Block EXISTS	PITG_20710	Family2132	PITG_20711	Family540
BlockID: Pin_151	Present					
		Block EXISTS	PITG_11139	Family223	PITG_11140	Family289
		Block EXISTS	PITG_12940	Family223	PITG_12941	Family289
BlockID: Pin_152	Present					
		Block EXISTS	PITG_07822	Family4836	PITG_07823	Family772
		Block EXISTS	PITG_07874	Family772	PITG_07875	Family4836
BlockID: Pin_153	Dissimilar families					
		Block DOES NOT EXIST	PITG_13955	Family920	PITG_13956	Family2869
DI 11D D: 151		Block DOES NOT EXIST	PITG_13957	Family10186	PITG_23009	Family2869
BlockID: Pin_154	Present	Block EXISTS	PITG_13693	Family1185	PITG_13695	Family232
		Block DOES NOT EXIST	PITG_13093	Family232	PITG_13093	Family14234
		Block EXISTS	PITG_17537	Family232	PITG_17538	
BlockID: Pin_155	Present	DIOCK EXISTS	FIIG_1/55/	raililiy232	FIIG_1/556	Family1185
BIOCKID. I III_133	i iesent	Block EXISTS	PITG_13689	Family232	PITG_13690	Family968
		Block EXISTS	PITG_13696	Family232	PITG_13697	Family968
		Block EXISTS	PITG_17517	Family232	PITG_17518	Family968
BlockID: Pin 156	Dissimilar families	5,000 27,010	5_17517	. a.i.iiy202	5_17510	, anny ooo
2.00.0.0.1 111_100	Diodiffina faffillios	Block DOES NOT EXIST	PITG_16309	Family9613	PITG_16310	Family17378
		Block DOES NOT EXIST	PITG_18319	Family17002	PITG_18320	Family9613
BlockID: Pin_157	Present	SIGN DOLO HOT EXIGI	5_10010	. a.i.iiy 17002	7.1.0_10020	, analy 0010
		Block EXISTS	PITG_13112	Family53	PITG_13113	Family77
		Block EXISTS	PITG 20342	Family53	PITG_20344	Family77
BlockID: Pin 158	Present			,		
		Block EXISTS	PITG_02613	Family17447	PITG_02614	Family10579
		Block EXISTS	PITG_21766	Family10579	PITG_21767	Family17447
BlockID: Pin_159	Present			, <u>.</u>	<u>-</u>	,
		Block EXISTS	PITG_05707	Family1090	PITG_05708	Family7890
		Block EXISTS	PITG_18381	Family7890	PITG_18382	Family1090
BlockID: Pin_16	Present		<del>-</del>	•	<del>-</del>	•
		Block EXISTS	PITG_00729	Family18064	PITG_00730	Family11791
		Block EXISTS	PITG_00735	Family11791	PITG_00737	Family18064
BlockID: Pin_160	Present		-	-		-
_		Block EXISTS	PITG_04728	Family12401	PITG_04729	Family1550
		Block EXISTS	PITG_04747	Family1550	PITG_04748	Family12401
BlockID: Pin_161	Present					
		Block EXISTS	PITG_04432	Family12401	PITG_04434	Family12402

		Block EXISTS	PITG_04436	Family12402	PITG_04437	Family12401
BlockID: Pin_162	Dissimilar families					
		Block DOES NOT EXIST	PITG_14480	Family32	PITG_14481	Family515
		Block DOES NOT EXIST	PITG_14487	Family515	PITG_14488	Family28364
BlockID: Pin_163	Dissimilar families					
		Block DOES NOT EXIST	PITG_16247	Family7856	PITG_16248	Family9770
		Block DOES NOT EXIST	PITG_16424	Family9755	PITG_16425	Family7856
		Block DOES NOT EXIST	PITG_20934	Family2866	PITG_20935	Family16761
BlockID: Pin_164	Dissimilar families					
		Block DOES NOT EXIST	PITG_08422	Family25	PITG_08423	Family675
		Block DOES NOT EXIST	PITG_10475	Family9240	PITG_10476	Family1331
BlockID: Pin_165	Present					
		Block EXISTS	PITG_01459	Family432	PITG_01460	Family521
		Block EXISTS	PITG_04318	Family432	PITG_04319	Family521
		Block EXISTS	PITG_13964	Family432	PITG_13965	Family521
BlockID: Pin_166	Dissimilar families					
_		Block DOES NOT EXIST	PITG_00421	Family10893	PITG_00422	Family3634
		Block DOES NOT EXIST	PITG_21329	Family3634	PITG_21330	Family14208
BlockID: Pin_167	Present		<del></del>	-	<del>-</del>	•
		Block EXISTS	PITG_16239	Family11103	PITG_23069	Family9770
		Block EXISTS	PITG_16421	Family11103	PITG_23074	Family9770
BlockID: Pin_168	Present				<del>_</del>	· · · · · · · · · · · · · · · · · · ·
		Block EXISTS	PITG_16233	Family2866	PITG_16234	Family2843
		Block DOES NOT EXIST	PITG_16240	Family2866	PITG_16241	Family18215
		Block EXISTS	PITG_16245	Family2866	PITG_16246	Family2843
		Block EXISTS	PITG_16408	Family18215	PITG_16409	Family9755
		Block EXISTS	PITG_16426	Family2843	PITG_16427	Family2866
		Block EXISTS	PITG_20936	Family2866	PITG_20937	Family2843
BlockID: Pin_169	Dissimilar families	2.001. 27.1010		,		,
	2.00	Block DOES NOT EXIST	PITG_10111	Family433	PITG_10112	Family15660
		Block DOES NOT EXIST	PITG_10113	Family6891	PITG_23319	Family9194
		Block DOES NOT EXIST	PITG_20942	Family6891	PITG_20943	Family433
BlockID: Pin_17	Present	5.001. 5 0 2 0 1 1 0 1 2 1 1 0 1	000	,		,
Blookib. Till_17	1 1000110	Block EXISTS	PITG_01008	Family11003	PITG_01009	Family14417
		Block DOES NOT EXIST	PITG_09358	Family18147	PITG_09359	Family11003
		Block EXISTS	PITG_16565	Family14417	PITG_16566	Family11003
		Block EXISTS	PITG_18110	Family14417	PITG_18111	Family11003
BlockID: Pin 170	Present	DIOCK EXIOTO	1110_10110	1 anniy 144 17	1110_10111	1 aniily 1 1000
DIOCKID. I III_170	i resent	Block EXISTS	PITG_09521	Family2649	PITG 09522	Family4367
		Block EXISTS	PITG 09630	Family4367	PITG_09631	Family2649
BlockID: Pin_171	Present	DIOCK EXIOTO	1110_09030	1 arriiiy4307	1110_03031	r army2049
BIOCKID. FIII_1/1	Fieseiii	Block EXISTS	PITG_04184	Family2	PITG_04185	Family6955
		Block EXISTS	PITG 20502	Family6955	PITG_20503	Family2
PlackID: Din 172	Dissimilar families	DIOCK EXISTS	F11G_20302	ranniy0933	F11G_20303	ranniyz
BlockID: Pin_172	Dissimilar families	Plack DOES NOT EVIST	DITC 00705	Family2720	PITG_09796	Family2724
		Block DOES NOT EXIST	PITG_09795	Family2739		Family2724
PlackID: Dia 470	Drosont	Block DOES NOT EXIST	PITG_10219	Family2724	PITG_10220	Family28158
BlockID: Pin_173	Present	Plack EVICTO	PITG_09777	Family 14464	PITG_09778	Eamily 17000
		Block EXISTS		Family14461		Family17008
PlackID: Dia 474	Dionimilar formilia	Block EXISTS	PITG_10610	Family17008	PITG_10611	Family14461
BlockID: Pin_174	Dissimilar families	Plack DOES NOT EVICE	DITC 44740	Eamily 050	DITC 44747	Eamily 47750
		Block DOES NOT EXIST	PITG_14716	Family853	PITG_14717	Family17759
Disable Die 475	Droops <sup>4</sup>	Block EXISTS	PITG_19484	Family206	PITG_19485	Family853
BlockID: Pin_175	Present	Disak EVICEC	DITC 00040	Fam: 11.40005	DITC 00044	Famil: :0.400
		Block EXISTS	PITG_06840	Family10065	PITG_06841	Family2422
DI 115 5: :=:	<b>.</b>	Block EXISTS	PITG_20706	Family2422	PITG_20707	Family10065
BlockID: Pin_176	Present	DI 1 53/2070	DITC CCC:-		DITC COOK	<b>-</b> " '
		Block EXISTS	PITG_02617	Family9702	PITG_02618	Family10759
		Block EXISTS	PITG_21762	Family10759	PITG_21763	Family9702
BlockID: Pin_177	Dissimilar families					
		Block DOES NOT EXIST	PITG_12382	Family697	PITG_22961	Family18243

		Block DOES NOT EXIST	PITG_12403	Family28286	PITG_12404	Family697
DI LID D: 170		Block DOES NOT EXIST	PITG_12405	Family1879	PITG_12409	Family697
BlockID: Pin_178	Present	D	DITO (00/0	= " '	DITO 10000	
		Block EXISTS	PITG_10318	Family10180	PITG_10320	Family58
DIUD- Di 470	Description	Block EXISTS	PITG_19250	Family58	PITG_19251	Family10180
BlockID: Pin_179	Present	Disch EVIOTO	DITO 40004	F	DITO 40000	F!b-404
		Block EXISTS	PITG_10321	Family4619	PITG_10322	Family481
DisabilD: Dis 40	Description	Block EXISTS	PITG_19248	Family481	PITG_19249	Family4619
BlockID: Pin_18	Present	Disal, EVICTO	DITO 07500	Fam: 1. 707	DITC 07500	Family 4054
		Block EXISTS	PITG_07598	Family727 Family1251	PITG_07599	Family1251 Family727
DisakiD: Dis 100	Dissimilar families	Block EXISTS	PITG_18606	Family 1251	PITG_18607	ranniy/2/
BlockID: Pin_180	Dissimilar families	Block DOES NOT EXIST	DITC 12404	Family3549	PITG_12495	Family10102
		Block DOES NOT EXIST	PITG_12494 PITG_21214	Family7696	PITG_12495 PITG_21215	Family10192
PlackID: Din 101	Dissimilar families	BIOCK DOES NOT EXIST	FIIG_21214	Fairilly 7 090	PITG_21215	Family3549
BlockID: Pin_181	Dissimilar families	Block DOES NOT EXIST	PITG_07599	Family1251	PITG_07600	Family23853
		Block DOES NOT EXIST	PITG_07599 PITG_18605	Family13619	PITG_07600 PITG 18606	Family1251
PlackID: Din 192	Procent	BIOCK DOES NOT EXIST	F11G_18003	Fairilly 130 19	F11G_18600	raililly 1231
BlockID: Pin_182	Present	Block DOES NOT EXIST	PITG_05062	Family803	PITG_05063	Family1928
		Block EXISTS	PITG_05062 PITG_16557	Family803	PITG_05063 PITG_16558	Family41
		Block EXISTS	PITG_16557 PITG_16559	Family41	PITG_16556 PITG_16561	Family803
BlockID: Pin_183	Present	DIUGN EXIOTO	1110_10009	i aiiiiy <del>4</del> i	1110_10301	i aiiiiyooo
DIOCKID. 1 III_100	1 103011t	Block EXISTS	PITG_10429	Family42	PITG_10430	Family120
		Block EXISTS	PITG_10437	Family120	PITG_10438	Family42
BlockID: Pin_184	Dissimilar families	BIOOK EXTOTO	1110_10407	1 dillily 120	1110_10400	1 diliny 42
	- Biodiffinal familios	Block DOES NOT EXIST	PITG_05806	Family1001	PITG_05807	Family27942
		Block DOES NOT EXIST	PITG_17477	Family28510	PITG_17478	Family28511
BlockID: Pin_185	Present	2.00.0 2 0 2 0 1 1 0 1 2 2 1 0 1		,		,
		Block EXISTS	PITG_01890	Family805	PITG_01891	Family275
		Block EXISTS	PITG_02296	Family275	PITG_02297	Family805
		Block EXISTS	PITG_05028	Family805	PITG_05029	Family275
		Block DOES NOT EXIST	PITG_05052	Family805	PITG_05053	Family17545
		Block EXISTS	PITG_09331	Family805	PITG_09332	Family275
		Block EXISTS	PITG_16148	Family805	PITG_16149	Family275
	-	Block EXISTS	PITG_18558	Family805	PITG_18559	Family275
BlockID: Pin_186	Dissimilar families		<del>-</del>	•	_	•
		Block DOES NOT EXIST	PITG_00229	Family151	PITG_00230	Family5229
		Block DOES NOT EXIST	PITG_01290	Family9910	PITG_01291	Family166
BlockID: Pin_187	Dissimilar families		_	-	_	-
		Block DOES NOT EXIST	PITG_18153	Family18143	PITG_18155	Family4661
		Block DOES NOT EXIST	PITG_18158	Family4661	PITG_18160	Family16300
		Block DOES NOT EXIST	PITG_20365	Family14487	PITG_20368	Family28673
BlockID: Pin_188	Dissimilar families					
		Block DOES NOT EXIST	PITG_16620	Family28467	PITG_16621	Family435
		Block DOES NOT EXIST	PITG_19572	Family8058	PITG_19573	Family28617
BlockID: Pin_189	Present					
		Block EXISTS	PITG_00095	Family76	PITG_00096	Family1825
		Block EXISTS	PITG_00102	Family1825	PITG_00103	Family76
		Block EXISTS	PITG_06157	Family76	PITG_06158	Family1825
BlockID: Pin_19	Dissimilar families					
		Block DOES NOT EXIST	PITG_05058	Family369	PITG_05059	Family1689
		Block DOES NOT EXIST	PITG_16556	Family369	PITG_16557	Family803
<u> </u>		Block DOES NOT EXIST	PITG_21050	Family1689	PITG_21051	Family12681
BlockID: Pin 190	Present					
BlockID: Pin_190		Block EXISTS	PITG_00103	Family76	PITG_00104	Family512
BlockID: Pin_190						- 1.70
BlockID: Pin_190		Block EXISTS	PITG_06156	Family512	PITG_06157	Family76
	Dissimilar families	Block EXISTS	PITG_06156	Family512	PITG_06157	Family/6
BlockID: Pin_190  BlockID: Pin_191	Dissimilar families	Block EXISTS  Block DOES NOT EXIST	PITG_06156 PITG_14328	Family512 Family691	PITG_14330	Family/6
	Dissimilar families		_		_	,

		Block EXISTS	PITG_02103	Family368	PITG_02104	Family2691
		Block EXISTS	PITG_20675	Family2691	PITG_20676	Family368
BlockID: Pin_193	Dissimilar families	D DOES NOT EV/OT	DITC		DITO 00000	
		Block DOES NOT EXIST	PITG_08027	Family368	PITG_08028	Family3666
Disability Dis 104	Drocent	Block DOES NOT EXIST	PITG_19728	Family3666	PITG_19729	Family17347
BlockID: Pin_194	Present	Block DOES NOT EXIST	PITG_07630	Family4	PITG_07633	Family727
		Block EXISTS	PITG_07630 PITG_14662	Family13158	PITG_07633 PITG_14663	Family727
		Block EXISTS	PITG_14683	Family727	PITG_14684	Family13158
BlockID: Pin_195	Present	BIOOK EXIOTO	1110_14000	r anniy r Z r	1110_14004	T diffiny TO TOO
B.00M.B. 1 III_100	1 1000111	Block EXISTS	PITG_14353	Family1783	PITG_14354	Family2815
		Block EXISTS	PITG_18539	Family2815	PITG_18540	Family1783
BlockID: Pin_196	Present					
<del>-</del>		Block EXISTS	PITG_15173	Family9447	PITG_15174	Family11871
		Block EXISTS	PITG_20149	Family11871	PITG_20152	Family9447
BlockID: Pin_197	Present			-		-
		Block EXISTS	PITG_00418	Family2159	PITG_00419	Family3139
		Block EXISTS	PITG_21334	Family3139	PITG_21335	Family2159
BlockID: Pin_198	Dissimilar families					
		Block DOES NOT EXIST	PITG_13835	Family2684	PITG_13836	Family15451
		Block DOES NOT EXIST	PITG_13838	Family21122	PITG_13839	Family2684
BlockID: Pin_199	Dissimilar families					
		Block EXISTS	PITG_08708	Family1925	PITG_08709	Family1926
DI 11D D: 0	D: : : : : : ::	Block DOES NOT EXIST	PITG_19741	Family1926	PITG_19742	Family15670
BlockID: Pin_2	Dissimilar families	DI I DOES NOT EVIST	DITO 10100	E ". 07005	DITO 10107	E " 7044
		Block DOES NOT EXIST	PITG_12496	Family27295	PITG_12497	Family7344
Disability Disable	Descent	Block DOES NOT EXIST	PITG_21212	Family7344	PITG_21213	Family13003
BlockID: Pin_20	Present	Block EXISTS	PITG_14715	Family57	PITG_14716	Family853
		Block EXISTS	PITG_14715 PITG_19485	Family853	PITG_14716 PITG_19486	Family555
BlockID: Pin 200	Dissimilar families	DIOCK EXIOTO	1110_10400	1 anniyooo	1110_10400	1 dillily 37
DIOCKID. I III_200	Dissirina families	Block DOES NOT EXIST	PITG_01459	Family432	PITG_22683	Family10746
		Block EXISTS	PITG_13963	Family320	PITG_13964	Family432
BlockID: Pin_201	Dissimilar families					
<del>-</del>		Block DOES NOT EXIST	PITG_12495	Family10192	PITG_12496	Family27295
		Block DOES NOT EXIST	PITG_21213	Family13003	PITG_21214	Family7696
BlockID: Pin_202	Present					
		Block EXISTS	PITG_15597	Family18213	PITG_15598	Family192
		Block EXISTS	PITG_20662	Family192	PITG_20663	Family18213
BlockID: Pin_203	Present					
		Block EXISTS	PITG_17594	Family1338	PITG_17595	Family4476
		Block EXISTS	PITG_21025	Family4476	PITG_21026	Family1338
BlockID: Pin_204	Dragant					
BlockID: Pin_204	Present					
BIOCKID: PIN_204	Present	Block EXISTS	PITG_02435	Family4617	PITG_02436	Family1464
		Block EXISTS Block EXISTS	PITG_02435 PITG_08079	Family4617 Family1464	PITG_02436 PITG_08080	Family1464 Family4617
	Present	Block EXISTS	PITG_08079	Family1464	PITG_08080	Family4617
		Block EXISTS  Block EXISTS	PITG_08079 PITG_11643	Family1464 Family31	PITG_08080 PITG_22946	Family4617 Family950
BlockID: Pin_205	Present	Block EXISTS	PITG_08079	Family1464	PITG_08080	Family4617
BlockID: Pin_205		Block EXISTS Block EXISTS Block EXISTS	PITG_08079 PITG_11643 PITG_11646	Family1464 Family31 Family31	PITG_08080 PITG_22946 PITG_22947	Family4617 Family950 Family950
BlockID: Pin_205	Present	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	PITG_08079  PITG_11643  PITG_11646  PITG_04089	Family1464 Family31 Family31 Family2868	PITG_08080  PITG_22946  PITG_22947  PITG_04090	Family4617 Family950 Family950 Family438
BlockID: Pin_205	Present	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	PITG_08079  PITG_11643  PITG_11646  PITG_04089  PITG_18675	Family1464 Family31 Family31 Family2868 Family438	PITG_08080  PITG_22946  PITG_22947  PITG_04090  PITG_23138	Family4617 Family950 Family950 Family438 Family2868
BlockID: Pin_205	Present	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	PITG_08079  PITG_11643  PITG_11646  PITG_04089  PITG_18675  PITG_18683	Family1464 Family31 Family31 Family2868 Family438 Family438	PITG_08080  PITG_22946  PITG_22947  PITG_04090  PITG_23138  PITG_18685	Family4617 Family950 Family950 Family438 Family2868 Family2868
BlockID: Pin_205 BlockID: Pin_206	Present	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	PITG_08079  PITG_11643  PITG_11646  PITG_04089  PITG_18675	Family1464 Family31 Family31 Family2868 Family438	PITG_08080  PITG_22946  PITG_22947  PITG_04090  PITG_23138	Family4617 Family950 Family950 Family438 Family2868
BlockID: Pin_205 BlockID: Pin_206	Present  Present	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	PITG_08079  PITG_11643  PITG_11646  PITG_04089  PITG_18675  PITG_18683  PITG_20303	Family1464 Family31 Family2868 Family438 Family438 Family438	PITG_08080  PITG_22946  PITG_22947  PITG_04090  PITG_23138  PITG_18685  PITG_23185	Family4617 Family950 Family950 Family438 Family2868 Family2868 Family2868
BlockID: Pin_205 BlockID: Pin_206	Present  Present	Block EXISTS	PITG_08079  PITG_11643  PITG_11646  PITG_04089  PITG_18675  PITG_18683	Family1464 Family31 Family31 Family2868 Family438 Family438	PITG_08080  PITG_22946  PITG_22947  PITG_04090  PITG_23138  PITG_18685	Family4617 Family950 Family950 Family438 Family2868 Family2868
BlockID: Pin_205  BlockID: Pin_206  BlockID: Pin_207	Present  Present	Block EXISTS	PITG_08079  PITG_11643  PITG_11646  PITG_04089  PITG_18675  PITG_18683  PITG_20303  PITG_09526	Family1464 Family31 Family2868 Family438 Family438 Family438 Family438	PITG_08080  PITG_22946  PITG_22947  PITG_04090  PITG_23138  PITG_18685  PITG_23185  PITG_09527	Family4617 Family950 Family950 Family438 Family2868 Family2868 Family2868 Family2868
BlockID: Pin_205  BlockID: Pin_206  BlockID: Pin_207	Present  Present  Present	Block EXISTS	PITG_08079  PITG_11643  PITG_11646  PITG_04089  PITG_18675  PITG_18683  PITG_20303  PITG_09526	Family1464 Family31 Family2868 Family438 Family438 Family438 Family438	PITG_08080  PITG_22946  PITG_22947  PITG_04090  PITG_23138  PITG_18685  PITG_23185  PITG_09527	Family4617 Family950 Family950 Family438 Family2868 Family2868 Family2868 Family2868
BlockID: Pin_204  BlockID: Pin_205  BlockID: Pin_206  BlockID: Pin_207  BlockID: Pin_208	Present  Present  Present	Block EXISTS  Block EXISTS	PITG_08079  PITG_11643  PITG_11646  PITG_04089  PITG_18675  PITG_18683  PITG_20303  PITG_09526  PITG_09625	Family1464 Family31 Family2868 Family438 Family438 Family438 Family438 Family438	PITG_08080  PITG_22946 PITG_22947  PITG_04090 PITG_23138 PITG_18685 PITG_23185  PITG_09527 PITG_09626	Family4617 Family950 Family950 Family438 Family2868 Family2868 Family2868 Family2646 Family2647

		Block EXISTS	PITG_18564	Family2586	PITG_18565	Family11009
BlockID: Pin_209	Dissimilar families					
		Block DOES NOT EXIST	PITG_04734	Family488	PITG_04735	Family13219
		Block DOES NOT EXIST	PITG_04757	Family13338	PITG_04758	Family488
		Block DOES NOT EXIST	PITG_04771	Family488	PITG_22748	Family13807
		Block DOES NOT EXIST	PITG_04804	Family488	PITG_04805	Family578
BlockID: Pin_21	Present					
		Block EXISTS	PITG_14299	Family4964	PITG_14300	Family11649
		Block EXISTS	PITG_16152	Family11649	PITG_16153	Family4964
		Block EXISTS	PITG_18574	Family11649	PITG_18575	Family4964
BlockID: Pin_210	Dissimilar families					
		Block DOES NOT EXIST	PITG_15587	Family1166	PITG_15588	Family28420
		Block DOES NOT EXIST	PITG_18343	Family12627	PITG_18344	Family1166
BlockID: Pin_211	Present					
		Block EXISTS	PITG_05712	Family13134	PITG_05713	Family1090
		Block EXISTS	PITG_18382	Family1090	PITG_18383	Family13134
BlockID: Pin_212	Present					
		Block EXISTS	PITG_04134	Family2	PITG_04135	Family180
		Block EXISTS	PITG_04156	Family2	PITG_04158	Family180
BlockID: Pin_213	Present					
		Block EXISTS	PITG_02163	Family4754	PITG_02164	Family6224
		Block EXISTS	PITG_20294	Family6224	PITG_20295	Family4754
BlockID: Pin_214	Present					
		Block EXISTS	PITG_18333	Family129	PITG_18334	Family66
		Block EXISTS	PITG_18338	Family129	PITG_18339	Family66
BlockID: Pin_215	Present					
		Block EXISTS	PITG_10620	Family3021	PITG_10621	Family5282
		Block EXISTS	PITG_10624	Family5282	PITG_10625	Family3021
BlockID: Pin_216	Present					
		Block EXISTS	PITG_19547	Family2603	PITG_19548	Family4697
		Block EXISTS	PITG_19549	Family4697	PITG_19550	Family2603
BlockID: Pin_217	Dissimilar families	DI I DOFO NOT EVIOT	DITO 05000	E " 10050	DITO 05000	E 11 504
		Block DOES NOT EXIST	PITG_05038	Family10856	PITG_05039	Family501
		Block DOES NOT EXIST	PITG_14775	Family736	PITG_23333	Family11890
Disability Disa 240	Description	Block DOES NOT EXIST	PITG_17176	Family501	PITG_23342	Family4830
BlockID: Pin_218	Present	Block EXISTS	DITC 07604	Family 1001	DITC 07604	Family F22
			PITG_07601	Family1921	PITG_07604	Family523
BlockID: Pin 219	Dissimilar families	Block EXISTS	PITG_07605	Family523	PITG_07625	Family1921
BIOCKID. PIII_219	Dissimilar families	Plank DOES NOT EVIST	DITC 11720	Family4702	DITC 11721	Family/160
		Block DOES NOT EXIST	PITG_11730 PITG_19362	Family4793	PITG_11731	Family469
BlockID: Pin_22	Present	Block DOES NOT EXIST	FITG_19302	Family7740	PITG_19363	Family4793
BIOCKID. FIII_22	Fieseiii	Block EXISTS	PITG_09525	Family4366	PITG_09526	Family2647
		Block EXISTS	PITG_09525	Family2647	PITG_09520	Family4366
BlockID: Pin_220	Dissimilar families	DIOCK EXISTS	F11G_09020	railily2047	F11G_09021	ranniy4300
DIOCKID. I III_220	Dissimilar families	Block DOES NOT EXIST	PITG_08283	Family10400	PITG_08285	Family292
		Block DOES NOT EXIST	PITG_09121	Family15967	PITG 23316	Family1154
BlockID: Pin_221	Dissimilar families	DIOCK DOLOTIOT EXIOT	1110_00121	1 anning 10001	1110_23310	1 anniy 1 104
5.00Kib. 1 III_221	Distribution families	Block DOES NOT EXIST	PITG_00245	Family1326	PITG_00246	Family9211
		Block DOES NOT EXIST	PITG_00247	Family18060	PITG_00248	Family1326
BlockID: Pin_222	Present	2.00K B 0 L 0 H 0 I L M 0 I	0_002+1		0_00240	. a.i.ii, 1020
		Block EXISTS	PITG_02162	Family3097	PITG_02163	Family4754
		Block EXISTS	PITG_20295	Family4754	PITG_20296	Family3097
BlockID: Pin_223	Present			, ., 0 1		,
		Block EXISTS	PITG_13691	Family13816	PITG_13692	Family12019
		Block EXISTS	PITG_14034	Family12019	PITG_14036	Family13816
BlockID: Pin_224	Dissimilar families			, .2010		,
		Block DOES NOT EXIST	PITG_01686	Family18075	PITG_01687	Family10715
		Block DOES NOT EXIST	PITG_16305	Family12019	PITG_16306	Family12281
BlockID: Pin_225	Dissimilar families	232.2.3.1.3.2.1.01		, .=0.0		, · <b></b> ·

		Block DOES NOT EXIST	PITG_04201	Family27872	PITG_04202	Family434
		Block DOES NOT EXIST	PITG_04213	Family434	PITG_04214	Family7869
BlockID: Pin_226	Dissimilar families					
		Block DOES NOT EXIST	PITG_16288	Family14484	PITG_16289	Family18217
		Block DOES NOT EXIST	PITG_16651	Family14484	PITG_16652	Family14485
		Block DOES NOT EXIST	PITG_16942	Family11716	PITG_16943	Family14485
DI 11D D: 007	- ·	Block DOES NOT EXIST	PITG_19283	Family11716	PITG_19284	Family18223
BlockID: Pin_227	Present	Dis all EVICEO	DITO 04700	E!b-570	DITO 00047	F!! -700
		Block EXISTS	PITG_04760	Family578	PITG_23247	Family760
		Block EXISTS	PITG_04763	Family578	PITG_23249	Family760
		Block EXISTS	PITG_04764	Family578	PITG_23250	Family760
		Block EXISTS	PITG_04766	Family578	PITG_23251	Family760
		Block EXISTS	PITG_04767	Family578	PITG_23252	Family760
		Block EXISTS	PITG_04769	Family578	PITG_23254	Family760
		Block EXISTS	PITG_04770 PITG_04798	Family578	PITG_23255	Family760
		Block EXISTS Block DOES NOT EXIST	PITG_04796 PITG_04812	Family760 Family578	PITG_04799 PITG_23258	Family578 Family18107
			PITG_04812 PITG_04965			
		Block EXISTS Block EXISTS	PITG_04965 PITG_12073	Family578 Family760	PITG_04966 PITG_12074	Family760 Family578
		Block EXISTS	PITG_12073 PITG_21734	Family578	PITG_12074 PITG_23291	Family760
		Block DOES NOT EXIST	PITG_21734 PITG_21736	Family760	PITG_23291 PITG_23294	Family28936
		Block DOES NOT EXIST	PITG_23261	Family18107	PITG_23294 PITG_23262	Family13907
		Block EXISTS	PITG_23263	Family760	PITG_23264	Family9796
		Block EXISTS	PITG_23267	Family9796	PITG_23268	Family760
		Block EXISTS	PITG_23292	Family760	PITG_23293	Family9796
BlockID: Pin_228	Present	2.001( 27.10 ) 0		,		· ayo.oo
		Block EXISTS	PITG_07644	Family3763	PITG_07645	Family3419
		Block EXISTS	PITG_18695	Family3419	PITG_18696	Family3763
BlockID: Pin_229	Dissimilar families		<del>-</del>	•	_	•
		Block DOES NOT EXIST	PITG_16601	Family11865	PITG_23085	Family17884
		Block DOES NOT EXIST	PITG_19346	Family11865	PITG_19347	Family147
BlockID: Pin_23	Present					
		Block EXISTS	PITG_04207	Family134	PITG_04208	Family7
		Block EXISTS	PITG_04254	Family134	PITG_22734	Family7
		Block EXISTS	PITG_19938	Family7	PITG_19939	Family134
BlockID: Pin_230	Present					
		Block DOES NOT EXIST	PITG_12090	Family435	PITG_22955	Family26836
		Block EXISTS	PITG_12642	Family147	PITG_12643	Family721
		Block EXISTS	PITG_12645	Family147	PITG_12646	Family435
		Block EXISTS	PITG_16580	Family721	PITG_16581	Family147
		Block EXISTS	PITG_16584	Family147	PITG_16585	Family435
		Block EXISTS	PITG_16589	Family147	PITG_23083	Family18274
		Block EXISTS	PITG_16592	Family721	PITG_16593	Family147
		Block DOES NOT EXIST	PITG_16596	Family28465	PITG_23283	Family147
		Block EXISTS	PITG_16597	Family147	PITG_23084	Family721
		Block DOES NOT EXIST	PITG_16598 PITG 16609	Family147	PITG_16599	Family9792
		Block DOES NOT EXIST Block EXISTS	PITG_16609 PITG 16615	Family721	PITG_23086 PITG_16616	Family1010 Family8058
		Block EXISTS	PITG_16618	Family147 Family435	PITG_16619	Family147
		Block EXISTS	PITG_16621	Family435	PITG_16622	Family147
		Block EXISTS	PITG_16624	Family147	PITG_16626	Family721
		Block EXISTS	PITG_16635	Family147	PITG_16636	Family435
		Block DOES NOT EXIST	PITG_17624	Family147	PITG_17625	Family1560
		Block EXISTS	PITG_18821	Family147	PITG_18822	Family721
		Block DOES NOT EXIST	PITG_18823	Family147	PITG_18826	Family233
		Block EXISTS	PITG_19334	Family147	PITG_23155	Family721
		Block DOES NOT EXIST	PITG_19567	Family8058	PITG_19568	Family12064
		Block EXISTS	PITG_19571	Family147	PITG_19572	Family8058
		Block EXISTS	PITG_19574	Family721	PITG_23165	Family147
		Block EXISTS	PITG_19577	Family721	PITG_19578	Family147
			_		_	

		Block EXISTS	PITG_19588	Family147	PITG_23168	Family18274
		Block EXISTS	PITG_23088	Family147	PITG_23089	Family435
		Block EXISTS	PITG_23163	Family721	PITG_23164	Family147
BlockID: Pin_231	Present					
		Block DOES NOT EXIST	PITG_12091	Family1010	PITG_12092	Family2826
		Block EXISTS	PITG_16589	Family147	PITG_16591	Family2827
		Block DOES NOT EXIST	PITG_16600	Family147	PITG_23284	Family28934
		Block DOES NOT EXIST	PITG_16624	Family147	PITG_23286	Family13487
		Block DOES NOT EXIST	PITG_19579	Family147	PITG_19581	Family2826
		Block DOES NOT EXIST Block EXISTS	PITG_19586	Family2826 Family2827	PITG_19588 PITG_20169	Family147 Family147
BlockID: Pin_232	Present	DIUCK EXISTS	PITG_20168	raililly2021	P11G_20109	raililly 147
DIOCKID: 1 111_232	Fieseiii	Block EXISTS	PITG 16660	Family8347	PITG_16661	Family887
		Block EXISTS	PITG_18774	Family887	PITG_18775	Family8347
BlockID: Pin_233	Present	DIOCK EXISTS	F11G_10774	r arrilly007	F11G_10773	r anniyos47
BIOCKID. FIII_233	Fieseiii	Block EXISTS	PITG_04139	Family12273	PITG_22729	Family18207
		Block EXISTS	PITG_04148	Family12273	PITG_22730	Family18207
BlockID: Pin_234	Dissimilar families	DIOCK EXIOTO	1110_04140	1 anniy 1227 5	1110_22730	1 anny 10207
2.30MD. 1 III_204	_ iooiiiiiai iaiiiiioo	Block DOES NOT EXIST	PITG_04777	Family6567	PITG_04778	Family13807
		Block DOES NOT EXIST	PITG_04779	Family578	PITG_04800	Family6567
BlockID: Pin_235	Present		5_0 1100		5_5 +555	,
		Block EXISTS	PITG_14024	Family9264	PITG_14025	Family1731
		Block EXISTS	PITG_17174	Family1731	PITG_17175	Family9264
BlockID: Pin_236	Dissimilar families			<u> </u>		, , , , , , , , , , , , , , , , , , ,
		Block DOES NOT EXIST	PITG_07463	Family28013	PITG_07464	Family28014
		Block DOES NOT EXIST	PITG_07473	Family4725	PITG_07474	Family11884
BlockID: Pin_237	Present		<del>-</del>	j	_	•
	-	Block EXISTS	PITG_14494	Family11019	PITG_14496	Family1785
		Block EXISTS	PITG_19489	Family1785	PITG_19491	Family11019
BlockID: Pin_238	Present (diff. copies)		_	-	_	-
		Block DOES NOT EXIST	PITG_11719	Family1417	PITG_11720	Family4310
		Block EXISTS	PITG_19901	Family4310	PITG_19902	Family18174
BlockID: Pin_239	Present					
		Block EXISTS	PITG_14298	Family800	PITG_14299	Family4964
		Block EXISTS	PITG_16153	Family4964	PITG_16154	Family800
		Block EXISTS	PITG_18575	Family4964	PITG_18576	Family800
BlockID: Pin_24	Dissimilar families					
		Block DOES NOT EXIST	PITG_08518	Family7	PITG_08519	Family13527
		Block DOES NOT EXIST	PITG_08521	Family1224	PITG_08522	Family7
BlockID: Pin_240	Present					
		Block EXISTS	PITG_17645	Family4661	PITG_17646	Family11678
		Block EXISTS	PITG_18157	Family11678	PITG_18158	Family4661
BlockID: Pin_241	Present					
		Block EXISTS	PITG_03205	Family809	PITG_03206	Family6875
		Block EXISTS	PITG_21601	Family6875	PITG_21602	Family809
BlockID: Pin_242	Present					
		Block EXISTS	PITG_07376	Family6	PITG_07377	Family3219
		Block EXISTS	PITG_11545	Family3219	PITG_11546	Family6
BlockID: Pin_243	Dissimilar families					
		Block DOES NOT EXIST	PITG_07600	Family23853	PITG_07601	Family1921
		Block DOES NOT EXIST	PITG_18604	Family1921	PITG_18605	Family13619
BlockID: Pin_244	Present					
		Block EXISTS	PITG_05577	Family204	PITG_05578	Family350
		Block EXISTS	PITG_05579	Family350	PITG_05580	Family204
BlockID: Pin_245	Dissimilar families					
		Block DOES NOT EXIST	PITG_12816	Family28304	PITG_12817	Family6
		Block DOES NOT EXIST	PITG_15165	Family6	PITG_15166	Family18135
BlockID: Pin_246	Present					
		Block EXISTS	PITG_08623	Family8211	PITG_08624	Family10950
		Block EXISTS	PITG_20616	Family10950	PITG_20617	Family8211

D						
BlockID: Pin_247	Present	Dioak EVICTO	DITC 05072	Family 11100	DITC 05074	Family 4
		Block EXISTS Block EXISTS	PITG_05072 PITG_19307	Family11409 Family4	PITG_05074 PITG_19308	Family4 Family11409
		Block DOES NOT EXIST	PITG_19307 PITG_22879	Family4	PITG_19306 PITG_22880	Family4
BlockID: Pin 248	Dissimilar families	BIOCK DOES NOT EXIST	F11G_22019	r arrilly4	F11G_22000	r anniy4
DIOCKID. I III_240	Dissimilar families	Block DOES NOT EXIST	PITG_05058	Family369	PITG_22754	Family13869
		Block DOES NOT EXIST	PITG_16556	Family369	PITG_23078	Family544
		Block DOES NOT EXIST	PITG_17205	Family369	PITG_23105	Family12051
BlockID: Pin_249	Present			, , , , , , , , , , , , , , , , , , , ,		
		Block EXISTS	PITG 09523	Family2094	PITG_09524	Family2648
		Block EXISTS	PITG_09628	Family2648	PITG_09629	Family2094
BlockID: Pin_25	Present					-
		Block EXISTS	PITG_12361	Family230	PITG_12362	Family697
		Block EXISTS	PITG_12399	Family697	PITG_12401	Family230
BlockID: Pin_250	Present					
		Block EXISTS	PITG_13809	Family23	PITG_23006	Family399
		Block EXISTS	PITG_13825	Family23	PITG_13826	Family399
BlockID: Pin_251	Dissimilar families					
		Block DOES NOT EXIST	PITG_03072	Family27824	PITG_03073	Family557
		Block DOES NOT EXIST	PITG_18620	Family28569	PITG_18621	Family28570
BlockID: Pin_252	Present					
		Block EXISTS	PITG_15374	Family2236	PITG_15375	Family11289
DI 11D D' 050	D: : : : : : : : : : : : : : : : : : :	Block EXISTS	PITG_18920	Family11289	PITG_18922	Family2236
BlockID: Pin_253	Dissimilar families	Disal DOEO NOT EVIOT	DITO 40504	F:!- 0007	DITO 40500	F!b-704
		Block DOES NOT EXIST	PITG_16591	Family2827	PITG_16592	Family721
		Block DOES NOT EXIST Block DOES NOT EXIST	PITG_16599 PITG_19581	Family9792	PITG_23284 PITG_23167	Family28934 Family1621
		Block DOES NOT EXIST	PITG_19561 PITG_20167	Family2826 Family9792	PITG_20168	Family2827
		Block DOES NOT EXIST	PITG_20107 PITG_23273	Family2827	PITG_20106 PITG_23274	Family435
BlockID: Pin_26	Dissimilar families	DIOCK DOES NOT EXIST	1110_23213	1 amily2021	1110_23274	i anniy433
BIOOKIB: 1 III_20	Biodininal laminos	Block DOES NOT EXIST	PITG_00093	Family512	PITG_00094	Family18057
		Block DOES NOT EXIST	PITG_00100	Family512	PITG_00101	Family8917
BlockID: Pin_27	Present		<del>_</del>		<del>_</del>	
_		Block EXISTS	PITG_12955	Family542	PITG_12956	Family6905
		Block EXISTS	PITG_12963	Family6905	PITG_12964	Family542
BlockID: Pin_28	Present					
		Block EXISTS	PITG_02657	Family724	PITG_02658	Family725
		Block EXISTS	PITG_03867	Family725	PITG_03868	Family724
BlockID: Pin_29	Present					
		Block EXISTS	PITG_12910	Family353	PITG_12911	Family9486
		Block EXISTS	PITG_20228	Family9486	PITG_20229	Family353
BlockID: Pin_3	Dissimilar families	DI I BOTO VICT TIME	DITC (CT)		DITC 15555	
		Block DOES NOT EXIST	PITG_13218	Family384	PITG_13220	Family4799
		Block DOES NOT EXIST	PITG_17100	Family16925	PITG_17101	Family384
Disable Die 00	Dissimilar facetiles	Block DOES NOT EXIST	PITG_17915	Family384	PITG_17918	Family10716
BlockID: Pin_30	Dissimilar families	Plack DOES NOT EVICE	DITC 04000	Eamily 072	DITC 04000	Family15412
		Block DOES NOT EXIST Block DOES NOT EXIST	PITG_04092 PITG 18677	Family873 Family13534	PITG_04093 PITG 18678	Family15413 Family873
BlockID: Pin_31	Present	חוווע הסבס ווחו בעופן	1110_100//	i anniy 13334	1113_10076	ı anınyo <i>r</i> s
2100MD. 1 III_01	. rootil	Block EXISTS	PITG_07650	Family7408	PITG_07651	Family2405
		Block EXISTS	PITG_18688	Family2405	PITG_18689	Family7408
BlockID: Pin_32	Dissimilar families		3_12000	, =		,,
·		Block DOES NOT EXIST	PITG_07572	Family3737	PITG_07573	Family240
		Block DOES NOT EXIST	PITG_19978	Family6864	PITG_19979	Family3737
BlockID: Pin_33	Present		<u></u>			·
<del>-</del>		Block EXISTS	PITG_00097	Family8362	PITG_00098	Family8917
		Block EXISTS	PITG_06159	Family8362	PITG_06160	Family8917
		Block DOES NOT EXIST	PITG_21534	Family16997	PITG_21535	Family18057
BlockID: Pin_34	Dissimilar families					
		Block DOES NOT EXIST	PITG_03904	Family5208	PITG_03905	Family9593

		Block DOES NOT EXIST	PITG_17638	Family9593	PITG_17639	Family12696
BlockID: Pin_35	Present	Plock EVICTO	DITC 10570	Family 74	DITC 40570	Family2652
		Block EXISTS	PITG_10572	Family74	PITG_10573	Family2653
BlockID: Pin 36	Dissimilar families	Block EXISTS	PITG_21128	Family2653	PITG_21129	Family74
DIUCKID. PIN_30	וווווופאות ואוווווופאום	Block DOES NOT EXIST	PITG_17852	Family8	PITG_17853	Family472
		Block DOES NOT EXIST	PITG_17856	Family1793	PITG_17857	Family8
		Block DOES NOT EXIST	PITG_17030	Family1793	PITG_17037	Family472
BlockID: Pin_37	Dissimilar families	SIGN DOLO HOT EXIGI	5_10001	10001	7.1.0_10002	. umy +12
	2.00	Block DOES NOT EXIST	PITG 07362	Family6385	PITG_07363	Family232
		Block DOES NOT EXIST	PITG_13708	Family920	PITG_13709	Family6385
BlockID: Pin_38	Dissimilar families		<del>_</del>			· · · · · · · · · · · · · · · · · · ·
		Block DOES NOT EXIST	PITG_12003	Family14065	PITG_12004	Family4026
		Block DOES NOT EXIST	PITG_17967	Family1627	PITG_17968	Family4026
BlockID: Pin_39 Dissimilar f	Dissimilar families			•		•
		Block DOES NOT EXIST	PITG_15393	Family3441	PITG_15394	Family216
		Block DOES NOT EXIST	PITG_21282	Family28719	PITG_21283	Family28720
BlockID: Pin_4	Present					
		Block EXISTS	PITG_01634	Family348	PITG_01635	Family655
		Block EXISTS	PITG_01892	Family655	PITG_01893	Family348
		Block DOES NOT EXIST	PITG_02295	Family16926	PITG_02296	Family275
		Block EXISTS	PITG_04414	Family275	PITG_04415	Family10716
		Block EXISTS	PITG_05029	Family275	PITG_05030	Family348
		Block EXISTS	PITG_05033	Family348	PITG_05034	Family275
		Block EXISTS	PITG_05054	Family655	PITG_05055	Family348
		Block EXISTS	PITG_09332	Family275	PITG_09333	Family348
		Block EXISTS	PITG_10585	Family275	PITG_10586	Family348
		Block EXISTS	PITG_12370	Family348	PITG_12371	Family655
		Block EXISTS	PITG_12388	Family348	PITG_12389	Family275
		Block EXISTS	PITG_14331	Family348	PITG_14332	Family275
		Block EXISTS	PITG_14335	Family348	PITG_14336	Family655
		Block EXISTS	PITG_16149	Family275	PITG_16150	Family348
		Block EXISTS	PITG_18493	Family348	PITG_18494	Family275
		Block EXISTS	PITG_18559	Family275	PITG_18560	Family348
D. 115 D. 10	5	Block EXISTS	PITG_19388	Family10716	PITG_19389	Family275
BlockID: Pin_40	Dissimilar families	DI I DOES NOT EVIST	DITO 00500	E " 10070	DITO 00500	F " 2000
		Block DOES NOT EXIST	PITG_02598	Family10976	PITG_02599	Family6236
Disakin: Dir. 44	Dissimilar familia	Block DOES NOT EXIST	PITG_20718	Family6236	PITG_20719	Family28686
BlockID: Pin_41	Dissimilar families	Plack DOES NOT EVICE	DITC 12020	Family 1604	DITC 10004	Family 1770
		Block DOES NOT EXIST	PITG_12930	Family1604	PITG_12931	Family1770
BlockID: Pin_42	Dissimilar families	Block DOES NOT EXIST	PITG_12932	Family1770	PITG_12933	Family28307
DIOGNID. FIII_42	בייייייייייייייייייייייייייייייייייייי	Block DOES NOT EXIST	PITG 12620	Family11153	PITG_12621	Family13395
		Block DOES NOT EXIST	PITG_12020 PITG_18757	Family16303	PITG_12021	Family14485
BlockID: Pin_43	Present	DIOM DOLO NOT LAIST	7110_10707	i diffiny 10000	1110_10100	. anny 17400
2.00.0.0.1 111_40	. 1000110	Block EXISTS	PITG_06057	Family6785	PITG_06059	Family13943
		Block EXISTS	PITG_06074	Family13943	PITG_06075	Family6785
BlockID: Pin_44	Present	5.00 2.1010	5_00014	, 100-10	5_00010	, 57 55
		Block EXISTS	PITG_18207	Family867	PITG_18208	Family55
		Block EXISTS	PITG_18231	Family55	PITG_18232	Family867
BlockID: Pin_45	Present		<u> </u>	,		
		Block EXISTS	PITG_02102	Family731	PITG_02103	Family368
		Block EXISTS	PITG_20676	Family368	PITG_20677	Family731
BlockID: Pin_46	Dissimilar families					·
		Block DOES NOT EXIST	PITG_09350	Family24	PITG_09351	Family1220
		Block DOES NOT EXIST	PITG_09352	Family72	PITG_09354	Family24
BlockID: Pin_47	Dissimilar families					·
		Block DOES NOT EXIST	PITG_09204	Family24	PITG_09206	Family13211
- 		Block DOES NOT EXIST	PITG_09207	Family11571	PITG_09208	Family24
BlockID: Pin_48	Present		<del></del>	-	_	-

		Block EXISTS	PITG_09197	Family24	PITG_09198	Family174
BlockID: Pin_49	Dissimilar families	Block EXISTS	PITG_09201	Family174	PITG_09203	Family24
BIOCKID. PIII_49	Dissimilar families	Block DOES NOT EXIST	PITG_09775	Family28142	PITG_09777	Family14461
		Block DOES NOT EXIST	PITG_09773	Family14461	PITG_09777	Family17864
BlockID: Pin_5	Present	DIOCK DOES NOT EXIST	1110_10011	r anniy 14401	1110_10012	1 anniy 17004
DIOCKID. I III_0	TTCSCIII	Block EXISTS	PITG_01893	Family348	PITG_01894	Family436
		Block EXISTS	PITG_05030	Family348	PITG_05032	Family436
		Block EXISTS	PITG_14330	Family436	PITG_14331	Family348
		Block EXISTS	PITG_14334	Family436	PITG_14335	Family348
		Block EXISTS	PITG_18560	Family348	PITG_18561	Family436
BlockID: Pin_50	Present		<del>_</del>			
		Block EXISTS	PITG_07365	Family6464	PITG_07366	Family1380
		Block EXISTS	PITG_11536	Family1380	PITG_11537	Family6464
BlockID: Pin_51	Present			•	<del>-</del>	•
		Block EXISTS	PITG_18411	Family3950	PITG_18412	Family1883
		Block EXISTS	PITG_18432	Family1883	PITG_18433	Family3950
BlockID: Pin_52	Present					
		Block EXISTS	PITG_02615	Family2671	PITG_02616	Family224
		Block EXISTS	PITG_21764	Family224	PITG_21765	Family2671
BlockID: Pin_53	Dissimilar families					
		Block DOES NOT EXIST	PITG_17592	Family2697	PITG_17593	Family1940
		Block DOES NOT EXIST	PITG_21027	Family1940	PITG_21028	Family28704
BlockID: Pin_54	Present					·
		Block DOES NOT EXIST	PITG_04738	Family13338	PITG_04739	Family18100
		Block DOES NOT EXIST	PITG_04756	Family695	PITG_04757	Family13338
		Block EXISTS	PITG_04759	Family695	PITG_04760	Family578
		Block DOES NOT EXIST	PITG_04778	Family13807	PITG_04779	Family13551
		Block DOES NOT EXIST	PITG_04783	Family10356	PITG_04786	Family695
		Block EXISTS	PITG_04807	Family695	PITG_04809	Family578
		Block DOES NOT EXIST	PITG_04811	Family18100	PITG_23257	Family9796
BlockID: Pin_55	Present					
		Block EXISTS	PITG_14497	Family2701	PITG_14498	Family2700
		Block EXISTS	PITG_19487	Family2700	PITG_19488	Family2701
BlockID: Pin_56	Present					
		Block EXISTS	PITG_16246	Family2843	PITG_16247	Family7856
		Block EXISTS	PITG_16425	Family7856	PITG_16426	Family2843
BlockID: Pin_57	Present	Dis-di-EVIOTO	DITC 00:17	F " F222	DITC 05 115	F 2 6156
BlockID: Pin_57	Present	Block EXISTS	PITG_00417	Family5069	PITG_00418	Family2159
		Block EXISTS Block EXISTS	PITG_00417 PITG_21335	Family5069 Family2159	PITG_00418 PITG_21336	Family2159 Family5069
	Present (diff. copies)	Block EXISTS	PITG_21335	Family2159	PITG_21336	Family5069
		Block EXISTS Block EXISTS	PITG_21335 PITG_07750	Family2159 Family14450	PITG_21336 PITG_07751	Family5069 Family8994
BlockID: Pin_58	Present (diff. copies)	Block EXISTS	PITG_21335	Family2159	PITG_21336	Family5069
BlockID: Pin_58		Block EXISTS  Block DOES NOT EXIST	PITG_21335 PITG_07750 PITG_07752	Family2159 Family14450 Family14450	PITG_21336 PITG_07751 PITG_22833	Family5069 Family8994 Family722
BlockID: Pin_58	Present (diff. copies)	Block EXISTS  Block DOES NOT EXIST  Block EXISTS	PITG_21335  PITG_07750  PITG_07752  PITG_05034	Family2159 Family14450 Family14450 Family275	PITG_21336  PITG_07751  PITG_22833  PITG_05035	Family5069 Family8994 Family722 Family11000
BlockID: Pin_58	Present (diff. copies)	Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS	PITG_21335  PITG_07750  PITG_07752  PITG_05034  PITG_10584	Family2159 Family14450 Family14450 Family275 Family384	PITG_21336  PITG_07751  PITG_22833  PITG_05035  PITG_10585	Family5069  Family8994 Family722  Family11000 Family275
BlockID: Pin_58	Present (diff. copies)	Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST	PITG_21335  PITG_07750  PITG_07752  PITG_05034  PITG_10584  PITG_12371	Family2159  Family14450 Family14450  Family275 Family384 Family655	PITG_21336  PITG_07751  PITG_22833  PITG_05035  PITG_10585  PITG_12372	Family5069  Family8994 Family722  Family11000 Family275 Family384
BlockID: Pin_58	Present (diff. copies)	Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST	PITG_21335  PITG_07750  PITG_07752  PITG_05034  PITG_10584  PITG_12371  PITG_12413	Family2159  Family14450  Family14450  Family275  Family384  Family655  Family384	PITG_21336  PITG_07751  PITG_22833  PITG_05035  PITG_10585  PITG_12372  PITG_12414	Family5069 Family8994 Family722 Family11000 Family275 Family384 Family275
BlockID: Pin_58	Present (diff. copies)	Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS	PITG_21335  PITG_07750  PITG_07752  PITG_05034  PITG_10584  PITG_12371  PITG_12413  PITG_14137	Family2159  Family14450  Family14450  Family275  Family384  Family655  Family384  Family275	PITG_21336  PITG_07751  PITG_22833  PITG_05035  PITG_10585  PITG_12372  PITG_12414  PITG_14338	Family5069 Family8994 Family722 Family11000 Family275 Family384 Family275 Family11000
BlockID: Pin_58 BlockID: Pin_59	Present (diff. copies)  Present	Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST	PITG_21335  PITG_07750  PITG_07752  PITG_05034  PITG_10584  PITG_12371  PITG_12413	Family2159  Family14450  Family14450  Family275  Family384  Family655  Family384	PITG_21336  PITG_07751  PITG_22833  PITG_05035  PITG_10585  PITG_12372  PITG_12414	Family5069 Family8994 Family722 Family11000 Family275 Family384 Family275
BlockID: Pin_58 BlockID: Pin_59	Present (diff. copies)	Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	PITG_21335  PITG_07750  PITG_07752  PITG_05034  PITG_10584  PITG_12371  PITG_12413  PITG_14337  PITG_18494	Family2159  Family14450  Family275  Family384  Family384  Family384  Family275  Family275  Family275	PITG_21336  PITG_07751  PITG_22833  PITG_05035  PITG_10585  PITG_12372  PITG_12414  PITG_14338  PITG_18495	Family5069 Family8994 Family722 Family11000 Family275 Family384 Family275 Family11000 Family384
BlockID: Pin_58 BlockID: Pin_59	Present (diff. copies)  Present	Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	PITG_21335  PITG_07750 PITG_07752  PITG_05034 PITG_10584 PITG_12371 PITG_12413 PITG_14337 PITG_18494  PITG_06976	Family2159 Family14450 Family14450 Family275 Family384 Family655 Family384 Family275 Family275 Family275	PITG_21336  PITG_07751 PITG_22833  PITG_05035 PITG_10585 PITG_12372 PITG_12414 PITG_14338 PITG_18495  PITG_06977	Family5069 Family8994 Family722 Family11000 Family275 Family384 Family275 Family11000 Family384 Family384
BlockID: Pin_58 BlockID: Pin_59 BlockID: Pin_6	Present (diff. copies)  Present  Present	Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	PITG_21335  PITG_07750  PITG_07752  PITG_05034  PITG_10584  PITG_12371  PITG_12413  PITG_14337  PITG_18494	Family2159  Family14450  Family275  Family384  Family384  Family384  Family275  Family275  Family275	PITG_21336  PITG_07751  PITG_22833  PITG_05035  PITG_10585  PITG_12372  PITG_12414  PITG_14338  PITG_18495	Family5069 Family8994 Family722 Family11000 Family275 Family275 Family275 Family11000 Family384
BlockID: Pin_58  BlockID: Pin_59	Present (diff. copies)  Present	Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	PITG_21335  PITG_07750  PITG_07752  PITG_05034  PITG_10584  PITG_12371  PITG_12413  PITG_14137  PITG_14337  PITG_18494  PITG_06976  PITG_06014	Family2159  Family14450  Family14450  Family275  Family384  Family655  Family384  Family275  Family275  Family275  Family275	PITG_21336  PITG_07751 PITG_22833  PITG_05035 PITG_10585 PITG_12372 PITG_12414 PITG_14338 PITG_18495  PITG_06977 PITG_20615	Family5069 Family8994 Family722 Family11000 Family275 Family384 Family384 Family3743 Family356
BlockID: Pin_57  BlockID: Pin_58  BlockID: Pin_59  BlockID: Pin_6	Present (diff. copies)  Present  Present	Block EXISTS  Block DOES NOT EXIST  Block EXISTS	PITG_21335  PITG_07750  PITG_07752  PITG_05034  PITG_10584  PITG_12371  PITG_12413  PITG_12413  PITG_14337  PITG_18494  PITG_06976  PITG_00614  PITG_03214	Family2159  Family14450  Family14450  Family275  Family384  Family655  Family384  Family275  Family275  Family275  Family275  Family356  Family3743	PITG_21336  PITG_07751  PITG_22833  PITG_05035  PITG_10585  PITG_12372  PITG_12414  PITG_14338  PITG_18495  PITG_06977  PITG_06977  PITG_20615	Family5069 Family8994 Family722 Family11000 Family275 Family384 Family275 Family11000 Family384 Family3743 Family3766 Family3743
BlockID: Pin_59  BlockID: Pin_6  BlockID: Pin_6	Present (diff. copies)  Present  Present  Present	Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	PITG_21335  PITG_07750  PITG_07752  PITG_05034  PITG_10584  PITG_12371  PITG_12413  PITG_14137  PITG_14337  PITG_18494  PITG_06976  PITG_06014	Family2159  Family14450  Family14450  Family275  Family384  Family655  Family384  Family275  Family275  Family275  Family275	PITG_21336  PITG_07751 PITG_22833  PITG_05035 PITG_10585 PITG_12372 PITG_12414 PITG_14338 PITG_18495  PITG_06977 PITG_20615	Family5069 Family8994 Family722 Family11000 Family275 Family384 Family275 Family11000 Family384 Family3743 Family3766 Family3743
BlockID: Pin_58  BlockID: Pin_59	Present (diff. copies)  Present  Present	Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS	PITG_21335  PITG_07750  PITG_07752  PITG_05034  PITG_10584  PITG_12371  PITG_12413  PITG_14337  PITG_18494  PITG_06976  PITG_20614  PITG_03214  PITG_06507	Family2159  Family14450  Family14450  Family275  Family384  Family655  Family384  Family275  Family275  Family275  Family275  Family275  Family356  Family3743	PITG_21336  PITG_07751  PITG_22833  PITG_05035  PITG_10585  PITG_12372  PITG_12414  PITG_14338  PITG_14338  PITG_18495  PITG_06977  PITG_06977  PITG_06508	Family5069 Family8994 Family722 Family11000 Family275 Family384 Family275 Family11000 Family384 Family3743 Family376 Family356
BlockID: Pin_59  BlockID: Pin_6  BlockID: Pin_6	Present (diff. copies)  Present  Present  Present	Block EXISTS  Block DOES NOT EXIST  Block EXISTS	PITG_21335  PITG_07750  PITG_07752  PITG_05034  PITG_10584  PITG_12371  PITG_12413  PITG_12413  PITG_14337  PITG_18494  PITG_06976  PITG_00614  PITG_03214	Family2159  Family14450  Family14450  Family275  Family384  Family655  Family384  Family275  Family275  Family275  Family275  Family356  Family3743	PITG_21336  PITG_07751  PITG_22833  PITG_05035  PITG_10585  PITG_12372  PITG_12414  PITG_14338  PITG_18495  PITG_06977  PITG_06977  PITG_20615	Family5069 Family8994 Family722 Family11000 Family275 Family384 Family275 Family11000 Family384 Family3743 Family3766 Family3743

		Block EXISTS	PITG_13098	Family6639	PITG_13100	Family452
		Block EXISTS	PITG_20417	Family452	PITG_20419	Family6639
BlockID: Pin_63	Present					
		Block EXISTS	PITG_09887	Family499	PITG_09888	Family1002
		Block EXISTS	PITG_09889	Family1002	PITG_09890	Family499
BlockID: Pin_64 Pres	Present					
		Block EXISTS	PITG_15791	Family55	PITG_15792	Family6676
		Block EXISTS	PITG_18209	Family55	PITG_18210	Family6676
		Block EXISTS	PITG_18229	Family6676	PITG_18230	Family55
BlockID: Pin_65 One	One family	D	DITO (00000	- "	DITO 10050	
		Block DOES NOT EXIST	PITG_10257	Family271	PITG_10258	Family271
Distribu Distribu	Discission for the	Block DOES NOT EXIST	PITG_10389	Family271	PITG_10390	Family271
BlockID: Pin_66	Dissimilar families	Disal DOES NOT EVICE	DITC 44400	Fam: it +0405	DITO 44402	Family 242
		Block DOES NOT EXIST	PITG_14402	Family6125	PITG_14403	Family212
District District 07	December	Block DOES NOT EXIST	PITG_20622	Family212	PITG_20623	Family28681
BlockID: Pin_67	Present	Distriction Co.	DITO 00407	F:!b-0500	DITO 00400	F:!- 0000
		Block EXISTS	PITG_06197	Family3592	PITG_06198	Family2082
Disabile: Disable and	Draggist	Block EXISTS	PITG_16123	Family2082	PITG_16124	Family3592
BlockID: Pin_68	Present	Disal EVICTO	DITO 44040	Fik-4000	DITO 44044	Familia 4400
		Block EXISTS	PITG_14043	Family1680	PITG_14044	Family1406
		Block DOES NOT EXIST	PITG_18872	Family18236	PITG_18873	Family1680
District District	Disabel 9 C 99	Block EXISTS	PITG_18882	Family1406	PITG_18883	Family1680
BlockID: Pin_69	Dissimilar families	DI 1 DOZO 1102 - 11112	DITC 1155		DITC 1:	
		Block DOES NOT EXIST	PITG_14296	Family1681	PITG_14297	Family13719
		Block DOES NOT EXIST	PITG_16154	Family800	PITG_16155	Family11957
BlockID: Pin_7 Pre	Present					
		Block DOES NOT EXIST	PITG_05045	Family722	PITG_05048	Family9789
		Block EXISTS	PITG_14309	Family501	PITG_14310	Family600
		Block EXISTS	PITG_14312	Family600	PITG_14314	Family722
		Block EXISTS	PITG_14315	Family600	PITG_14319	Family736
		Block EXISTS	PITG_14343	Family501	PITG_14344	Family600
		Block EXISTS	PITG_14351	Family501	PITG_14352	Family600
		Block DOES NOT EXIST	PITG_14775	Family736	PITG_14777	Family9789
		Block EXISTS	PITG_17187	Family600	PITG_17189	Family722
		Block EXISTS	PITG_17198	Family9789	PITG_17199	Family264
		Block EXISTS	PITG_18545	Family600	PITG_18546	Family501
		Block EXISTS	PITG_18553	Family600	PITG_18554	Family501
		Block EXISTS	PITG_19375	Family12427	PITG_19377	Family722
		Block EXISTS	PITG_19394	Family501	PITG_19399	Family600
		Block EXISTS	PITG_20640	Family600	PITG_20641	Family501
BlockID: Pin_70	Present					
		Block EXISTS	PITG_07148	Family86	PITG_07149	Family45
		Block EXISTS	PITG_07152	Family86	PITG_07153	Family45
		Block DOES NOT EXIST	PITG_07182	Family10047	PITG_07183	Family9291
BlockID: Pin_71	Present					
		Block EXISTS	PITG_01888	Family4797	PITG_01889	Family384
		Block EXISTS	PITG_05035	Family11000	PITG_05036	Family4797
		Block DOES NOT EXIST	PITG_09329	Family18075	PITG_09330	Family384
		Block EXISTS	PITG_10583	Family4797	PITG_10584	Family384
		Block EXISTS	PITG_14338	Family11000	PITG_14339	Family4797
BlockID: Pin_72	Present					
		Block EXISTS	PITG_14339	Family4797	PITG_14343	Family501
		Block EXISTS	PITG_20641	Family501	PITG_20644	Family4797
BlockID: Pin_73	Present					
		Block EXISTS	PITG_09524	Family2648	PITG_09525	Family4366
		Block EXISTS	PITG_09627	Family4366	PITG_09628	Family2648
BlockID: Pin_74	Present					
		Block EXISTS	PITG_13947	Family12423	PITG_13948	Family920
		Block DOES NOT EXIST	PITG_13949	Family6906	PITG_13950	Family920
		Block DOES NOT EXIST	PITG_13951	Family12423	PITG_13952	Family920
			_			

		Block EXISTS	PITG_13953	Family920	PITG_13954	Family12423
BlockID: Pin_75	Present					
		Block EXISTS	PITG_01889	Family384	PITG_01890	Family805
		Block EXISTS	PITG_05051	Family384	PITG_05052	Family805
		Block EXISTS	PITG_09330	Family384	PITG_09331	Family805
		Block EXISTS	PITG_13217	Family805	PITG_13218	Family384
		Block EXISTS	PITG_18528	Family805	PITG_18529	Family384
DI LID D: 70	<u> </u>	Block DOES NOT EXIST	PITG_18557	Family11000	PITG_18558	Family805
BlockID: Pin_76	Present	Dis all EVIOTO	DITO 47500	F!  0077	DITO 47507	F 11 - 4 4 7 7
		Block EXISTS	PITG_17596	Family6277	PITG_17597	Family4477
Di1-ID- Di 77	Danasat	Block EXISTS	PITG_21023	Family4477	PITG_21024	Family6277
BlockID: Pin_77	Present	Disak EVICTO	DITC 04260	Family 4	DITC 04270	Family 60
		Block EXISTS	PITG_04269	Family4	PITG_04270	Family60
Disability Disa 70	Dissipallan famallisa	Block EXISTS	PITG_04275	Family60	PITG_04276	Family4
BlockID: Pin_78	Dissimilar families	Disal-DOEC NOT EVICE	DITC 40704	E-miled	DITC 40700	Family 40757
		Block DOES NOT EXIST	PITG_16701	Family4	PITG_16702	Family13757
		Block DOES NOT EXIST	PITG_16703	Family28469	PITG_16705	Family4
Distribution Distribution	Danasat (sliff assiss)	Block DOES NOT EXIST	PITG_16726	Family4	PITG_16727	Family1597
BlockID: Pin_79	Present (diff. copies)	Disak EVICTO	DITO 44070	E-miled	DITC 44074	Family 70
		Block EXISTS	PITG_14673	Family4	PITG_14674	Family78
		Block DOES NOT EXIST	PITG_15120	Family16539	PITG_15123	Family4
Disability Dia 0	Dissimilar formilies	Block DOES NOT EXIST	PITG_15124	Family78	PITG_15125	Family4
BlockID: Pin_8	Dissimilar families	Disak DOES NOT EVIST	DITC 16140	Family 0700	PITG_16143	Family 16174
		Block DOES NOT EXIST	PITG_16142	Family9789	<del>_</del>	Family16174
Disability Disa 90	Drocont	Block DOES NOT EXIST	PITG_17186	Family16174	PITG_17187	Family600
BlockID: Pin_80	Present	Block DOES NOT EXIST	PITG_13567	Family69	PITG_13568	Family28332
		Block EXISTS	PITG_13569	Family69	PITG_13500 PITG_13570	
		Block EXISTS	PITG_13509 PITG_13571	Family69	PITG_13570 PITG_13572	Family18194 Family18194
BlockID: Pin_81	Present	DIOCK EXISTS	F110_133/1	r anniyos	F11G_13372	Fairilly 10 194
DIOCKID. I III_01	i ieseiit	Block EXISTS	PITG_12498	Family6743	PITG_12499	Family2710
		Block EXISTS	PITG_21210	Family2710	PITG_12499 PITG_21211	Family6743
BlockID: Pin_82	Present	DIOCK EXIOTO	1110_21210	1 anniy 27 10	1110_21211	1 anniyo7 40
BIOOKID: 1 111_02	ricochi	Block EXISTS	PITG_04751	Family695	PITG_04752	Family488
		Block EXISTS	PITG_04758	Family488	PITG_04759	Family695
		Block EXISTS	PITG_04813	Family488	PITG_04814	Family695
BlockID: Pin_83	Present	Block Extore	1110_01010	r army roo	1110_01011	1 dilinyooo
2.00200		Block EXISTS	PITG_04742	Family695	PITG_23246	Family760
		Block EXISTS	PITG_04795	Family695	PITG_04796	Family760
		Block DOES NOT EXIST	PITG_04811	Family18100	PITG_23258	Family18107
		Block EXISTS	PITG_12072	Family695	PITG_12073	Family760
BlockID: Pin 84	Dissimilar families	2.001( 271.010		,		
		Block DOES NOT EXIST	PITG_04739	Family18100	PITG_04740	Family968
		Block DOES NOT EXIST	PITG_04791	Family968	PITG_04792	Family695
BlockID: Pin_85	Present			, , , , , , , , , , , , , , , , , , , ,		,
_		Block EXISTS	PITG_14496	Family1785	PITG_14497	Family2701
		Block EXISTS	PITG_19488	Family2701	PITG_19489	Family1785
BlockID: Pin_86	Present		<del>-</del>	•	_	•
		Block DOES NOT EXIST	PITG_07464	Family28014	PITG_07467	Family506
		Block DOES NOT EXIST	PITG_07486	Family506	PITG_07487	Family14448
		Block EXISTS	PITG_07514	Family506	PITG_07516	Family4725
		Block EXISTS	PITG_20691	Family506	PITG_20692	Family4725
BlockID: Pin_87	Dissimilar families		<del>_</del>	•	<del>-</del>	•
		Block DOES NOT EXIST	PITG_04410	Family4399	PITG_04414	Family275
		Block DOES NOT EXIST	PITG_19389	Family275	PITG_19394	Family501
BlockID: Pin_88	Present (diff. copies)		<u> </u>	, -		<b>,</b>
	( 1 7	Block EXISTS	PITG_05049	Family264	PITG_05051	Family384
		Block DOES NOT EXIST	PITG_18554	Family501	PITG_18557	Family11000
BlockID: Pin_89	Present			<u>, , , , , , , , , , , , , , , , , , , </u>		,
<u>:</u> -	<u> </u>	Block EXISTS	PITG_11279	Family145	PITG_11282	Family12
				,		- ·· <b>,</b> ·-

		Block EXISTS	PITG_17806	Family12	PITG_17807	Family145
BlockID: Pin_9	Present					
		Block EXISTS	PITG_15174	Family11871	PITG_15175	Family529
		Block EXISTS	PITG_20148	Family529	PITG_20149	Family11871
BlockID: Pin_90 [	Dissimilar families					
		Block DOES NOT EXIST	PITG_19426	Family12	PITG_19428	Family11449
		Block DOES NOT EXIST	PITG_19429	Family11450	PITG_19432	Family12
BlockID: Pin_91 F	Present					
		Block EXISTS	PITG_02614	Family10579	PITG_02615	Family2671
		Block EXISTS	PITG_21765	Family2671	PITG_21766	Family10579
BlockID: Pin_92	Dissimilar families					
		Block DOES NOT EXIST	PITG_00607	Family18063	PITG_00608	Family12396
		Block DOES NOT EXIST	PITG_14567	Family18202	PITG_14568	Family12396
		Block DOES NOT EXIST	PITG_16935	Family18110	PITG_16936	Family18202
BlockID: Pin_93 F	Present					
		Block EXISTS	PITG_17595	Family4476	PITG_17596	Family6277
		Block EXISTS	PITG_21024	Family6277	PITG_21025	Family4476
BlockID: Pin_94 F	Present	B E.V				
		Block EXISTS	PITG_02164	Family6224	PITG_22693	Family583
		Block EXISTS	PITG_20294	Family6224	PITG_23184	Family583
BlockID: Pin_95 F	Present	B E.V				
_		Block EXISTS	PITG_01379	Family7082	PITG_01380	Family11772
D. 115 B:		Block EXISTS	PITG_18034	Family7082	PITG_18035	Family11772
BlockID: Pin_96 [	Dissimilar families					
		Block DOES NOT EXIST	PITG_17349	Family4070	PITG_17350	Family7728
		Block DOES NOT EXIST	PITG_20727	Family6155	PITG_20728	Family4070
BlockID: Pin_97 F	Present					
		Block EXISTS	PITG_10328	Family3972	PITG_10329	Family2772
DI 11D D: 00 F	<u> </u>	Block EXISTS	PITG_19240	Family2772	PITG_19242	Family3972
BlockID: Pin_98 F	Present	DI I EVICTO	DITO 11010	F " 11101	DITO 44050	E ".0500
		Block EXISTS	PITG_11349	Family14464	PITG_11350	Family9503
		Block EXISTS	PITG_11382	Family14464	PITG_22935	Family9503
DisabilDa Disa 00 I	Dunn a m.t	Block EXISTS	PITG_11384	Family9503	PITG_11385	Family14464
BlockID: Pin_99 F	Present	Block EXISTS	DITC 17502	Family 1040	DITC 17504	Family1338
		Block EXISTS	PITG_17593 PITG_21026	Family1940 Family1338	PITG_17594 PITG_21027	Family1940
PlackID: Dra 1	Present	DIUCK EXISTS	P11G_21020	raililly 1330	PITG_21021	Family 1940
BlockID: Pra_1 F	- resem	Plank EVICTO	Dr 74060	Family?	Dr. 74260	Eamily 9
		Block EXISTS Block EXISTS	Pr_74268 Pr_74272	Family2 Family8	Pr_74269 Pr_74273	Family8
BlockID: Pra_10 F	Present (diff. copies)	DIUCK EXISTS	F1_/42/2	ганшуо	FI_/42/3	Family2
BIOCKID. FIA_IO I	-resent (unit. copies)	Block DOES NOT EXIST	Dr 01000	FamilyEEG	Pr_81083	Eamily20900
		Block EXISTS	Pr_81082 Pr_83371	Family556 Family556	Pr_83372	Family30890
BlockID: Pra 100 [	Dissimilar families	DIOUR EXIOTO	11_0001	i airiiiyooo	1 1_00012	Family13498
DIOGNID. 11a_100 L	2.55mmar rammes	Block DOES NOT EXIST	Pr_42921	Family6467	Pr_85362	Family4715
		Block DOES NOT EXIST	Pr_96498	Family31096	Pr_96499	Family6467
BlockID: Pra_101 F	Present	SIGOR BOLO NOT EXIST	. 1_00400	r armiyo 1090	11_00+00	7 anniyo401
DIOGNID. I IA_IOI F	1000111	Block EXISTS	Pr_79515	Family239	Pr_79516	Family379
		Block EXISTS	Pr_79518	Family379	Pr_79510 Pr_79519	Family239
BlockID: Pra_102 [	Dissimilar families			,		,, <b>200</b>
		Block DOES NOT EXIST	Pr_72932	Family3307	Pr_93398	Family3233
		Block DOES NOT EXIST	Pr_84158	Family3307	Pr_84159	Family30944
BlockID: Pra_103 F	Present		01100	,	3	, a.i.m, 00044
	. 500	Block EXISTS	Pr_73785	Family1859	Pr_93705	Family449
		Block EXISTS	Pr_73788	Family449	Pr_93708	Family1859
BlockID: Pra_104 F	Present				55. 55	,, 1000
	.500110	Block EXISTS	Pr_72245	Family107	Pr_84520	Family39
		Block EXISTS	Pr_72247	Family107	Pr_84527	Family39
BlockID: Pra_105 (	Gene missing		· ·_· · ·	, 101	5 .52,	,,
		Block DOES NOT EXIST	Pr_75596	No families	Pr_75597	Family249
		Block DOES NOT EXIST	Pr_75598	No families	Pr_75599	No families
		DION DOLO NOT LAIGT	. 1_10000	110 1011111103	1 1_1 0000	110 1011111100

Block DOES NOT EXIST Block EXISTS	Pr_82632 Pr_83204 Pr_84891  Pr_84891  Pr_79746 Pr_79750  Pr_77326 Pr_77329  Pr_39775 Pr_75227 Pr_75230 Pr_75232  Pr_40336 Pr_84627  Pr_44405 Pr_71588 Pr_71618  Pr_74225 Pr_74227  Pr_71551	No families No families No families No families No families Family539 No families Family1190 Family1920 Family52 Family52 Family250 Family250 Family250 Family245 Family2012 Family7 Family7 Family7 Family7 Family7	Pr_82633 Pr_83205 Pr_84892  Pr_79748 Pr_79751  Pr_77327 Pr_77330  Pr_75236 Pr_75228 Pr_75231 Pr_75233  Pr_84626 Pr_84628  Pr_76956 Pr_78154 Pr_78438  Pr_74226 Pr_74228	No families Family249 No families Family686 Family539 Family1920 Family30820 Family250 Family250 Family52 Family52 Family52 Family445 Family288 Family288 Family14493 Family8
Block DOES NOT EXIST  Block EXISTS	Pr_84891  Pr_79746  Pr_79750  Pr_77326  Pr_77329  Pr_39775  Pr_75227  Pr_75230  Pr_75232  Pr_40336  Pr_84627  Pr_44405  Pr_71588  Pr_71618  Pr_71618  Pr_74225  Pr_74227	No families  Family539 No families  Family1190 Family1920  Family52 Family52 Family250 Family250 Family250 Family245 Family2012  Family7 Family7 Family7 Family7	Pr_84892 Pr_79748 Pr_79751  Pr_77327 Pr_77330  Pr_75236 Pr_75228 Pr_75231 Pr_75233  Pr_84626 Pr_84628  Pr_76956 Pr_78154 Pr_78438  Pr_74226	Family686 Family539 Family1920 Family30820 Family250 Family250 Family52 Family52 Family45 Family2012 Family445 Family288 Family288 Family14493 Family8
Block DOES NOT EXIST Block EXISTS	Pr_79746 Pr_79750  Pr_779750  Pr_77326 Pr_77329  Pr_39775 Pr_75227 Pr_75232  Pr_75232  Pr_40336 Pr_84627  Pr_44405 Pr_71588 Pr_71618  Pr_71618  Pr_74225 Pr_74227	Family539 No families  Family1190 Family1920  Family52 Family52 Family250 Family250 Family245 Family2012  Family7 Family7 Family7 Family7	Pr_79748 Pr_79751  Pr_77327 Pr_77320  Pr_75236 Pr_75228 Pr_75231 Pr_75233  Pr_84626 Pr_84628  Pr_76956 Pr_78154 Pr_78438  Pr_74226	Family686 Family539 Family1920 Family30820 Family250 Family250 Family52 Family52 Family62 Family2012 Family445 Family288 Family288 Family14493 Family8
Block DOES NOT EXIST Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS	Pr_79750  Pr_79750  Pr_77326  Pr_77329  Pr_39775  Pr_75227  Pr_75230  Pr_75232  Pr_40336  Pr_84627  Pr_44405  Pr_71588  Pr_71618  Pr_71618  Pr_74225  Pr_74227	No families  Family1190 Family1920  Family52 Family52 Family250 Family250  Family250  Family445 Family2012  Family7 Family7 Family7 Family7 Family7	Pr_79751  Pr_77327  Pr_77327  Pr_77330  Pr_75236  Pr_75228  Pr_75231  Pr_75233  Pr_84626  Pr_84628  Pr_78458  Pr_78454  Pr_78438  Pr_74226	Family539  Family1920 Family30820  Family250 Family52 Family52  Family52  Family2012 Family445  Family288 Family288 Family14493  Family8
Block DOES NOT EXIST  milies  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS	Pr_79750  Pr_79750  Pr_77326  Pr_77329  Pr_39775  Pr_75227  Pr_75230  Pr_75232  Pr_40336  Pr_84627  Pr_44405  Pr_71588  Pr_71618  Pr_71618  Pr_74225  Pr_74227	No families  Family1190 Family1920  Family52 Family52 Family250 Family250  Family250  Family445 Family2012  Family7 Family7 Family7 Family7 Family7	Pr_79751  Pr_77327  Pr_77327  Pr_77330  Pr_75236  Pr_75228  Pr_75231  Pr_75233  Pr_84626  Pr_84628  Pr_78458  Pr_78454  Pr_78438  Pr_74226	Family539  Family1920 Family30820  Family250 Family52 Family52  Family52  Family2012 Family445  Family288 Family288 Family14493  Family8
Block DOES NOT EXIST Block DOES NOT EXIST Block EXISTS	Pr_77326 Pr_77329  Pr_39775 Pr_75227 Pr_75230 Pr_75232  Pr_40336 Pr_84627  Pr_44405 Pr_71588 Pr_71618  Pr_71618  Pr_774225 Pr_74227	Family1190 Family1920  Family52 Family52 Family250 Family250 Family250  Family445 Family2012  Family7 Family7 Family7 Family7 Family7	Pr_77327 Pr_77330 Pr_75236 Pr_75228 Pr_75231 Pr_75233 Pr_84626 Pr_84628 Pr_76956 Pr_78154 Pr_78438	Family1920 Family30820  Family250 Family52 Family52  Family2012 Family445  Family288 Family288 Family14493  Family8
Block DOES NOT EXIST Block DOES NOT EXIST Block EXISTS	Pr_77329  Pr_39775  Pr_75227  Pr_75230  Pr_75232  Pr_40336  Pr_84627  Pr_44405  Pr_71588  Pr_71618  Pr_71618  Pr_74225  Pr_74227  Pr_71551	Family1920  Family52 Family52 Family250 Family250 Family245 Family2012  Family7 Family7 Family7 Family7 Family7 Family7	Pr_77330  Pr_75236  Pr_75228  Pr_75231  Pr_75233  Pr_84626  Pr_84628  Pr_76956  Pr_78154  Pr_78438  Pr_74226	Family30820  Family250 Family250 Family52 Family52 Family2012 Family445  Family288 Family288 Family14493  Family18
Block EXISTS	Pr_77329  Pr_39775  Pr_75227  Pr_75230  Pr_75232  Pr_40336  Pr_84627  Pr_44405  Pr_71588  Pr_71618  Pr_71618  Pr_74225  Pr_74227  Pr_71551	Family1920  Family52 Family52 Family250 Family250 Family245 Family2012  Family7 Family7 Family7 Family7 Family7 Family7	Pr_77330  Pr_75236  Pr_75228  Pr_75231  Pr_75233  Pr_84626  Pr_84628  Pr_76956  Pr_78154  Pr_78438  Pr_74226	Family30820  Family250 Family250 Family52 Family52 Family2012 Family445  Family288 Family288 Family14493  Family18
Block EXISTS	Pr_39775 Pr_75227 Pr_75230 Pr_75232 Pr_40336 Pr_84627 Pr_44405 Pr_71588 Pr_71618 Pr_74225 Pr_74227 Pr_74551	Family52 Family52 Family250 Family250 Family445 Family2012 Family7 Family7 Family7 Family7	Pr_75236 Pr_75228 Pr_75231 Pr_75233 Pr_84626 Pr_84628 Pr_76956 Pr_78154 Pr_78438	Family250 Family250 Family52 Family52 Family2012 Family445 Family288 Family288 Family14493 Family14493
Block EXISTS	Pr_75227 Pr_75230 Pr_75232  Pr_40336 Pr_84627  Pr_44405 Pr_71588 Pr_71618  Pr_74225 Pr_74227	Family52 Family250 Family250 Family445 Family2012 Family7 Family7 Family7 Family7	Pr_75228 Pr_75231 Pr_75233 Pr_84626 Pr_84628 Pr_76956 Pr_78154 Pr_78438 Pr_74226	Family250 Family52 Family52 Family2012 Family445 Family288 Family288 Family14493 Family8
Block EXISTS	Pr_75227 Pr_75230 Pr_75232  Pr_40336 Pr_84627  Pr_44405 Pr_71588 Pr_71618  Pr_74225 Pr_74227	Family52 Family250 Family250 Family445 Family2012 Family7 Family7 Family7 Family7	Pr_75228 Pr_75231 Pr_75233 Pr_84626 Pr_84628 Pr_76956 Pr_78154 Pr_78438 Pr_74226	Family250 Family52 Family52 Family2012 Family445 Family288 Family288 Family14493 Family8
Block EXISTS	Pr_75230 Pr_75232  Pr_40336 Pr_84627  Pr_44405 Pr_71588 Pr_71618  Pr_74225 Pr_74227  Pr_71551	Family250 Family250 Family445 Family2012 Family7 Family7 Family7 Family7	Pr_75231 Pr_75233 Pr_84626 Pr_84628 Pr_76956 Pr_78154 Pr_78438 Pr_74226	Family52 Family52 Family2012 Family445 Family288 Family288 Family14493 Family8
Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	Pr_75232  Pr_40336  Pr_84627  Pr_44405  Pr_71588  Pr_71618  Pr_74225  Pr_74227  Pr_71551	Family250  Family445 Family2012  Family7 Family7 Family7 Family7	Pr_75233  Pr_84626  Pr_84628  Pr_76956  Pr_78154  Pr_78438  Pr_74226	Family52 Family2012 Family445 Family288 Family288 Family14493 Family8
Block EXISTS Block EXISTS Block EXISTS Block EXISTS Block DOES NOT EXIST Block EXISTS Block EXISTS Block EXISTS Block EXISTS Block EXISTS	Pr_40336 Pr_84627 Pr_44405 Pr_71588 Pr_71618 Pr_74225 Pr_74227	Family445 Family2012 Family7 Family7 Family7 Family7	Pr_84626 Pr_84628 Pr_76956 Pr_78154 Pr_78438 Pr_74226	Family2012 Family445 Family288 Family288 Family14493 Family8
Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	Pr_84627  Pr_44405  Pr_71588  Pr_71618  Pr_74225  Pr_74227  Pr_71551	Family2012 Family7 Family7 Family7 Family7	Pr_84628  Pr_76956  Pr_78154  Pr_78438  Pr_74226	Family445 Family288 Family288 Family14493 Family8
Block EXISTS Block DOES NOT EXIST  Block EXISTS Block EXISTS Block EXISTS  Block EXISTS  Block EXISTS	Pr_84627  Pr_44405  Pr_71588  Pr_71618  Pr_74225  Pr_74227  Pr_71551	Family2012 Family7 Family7 Family7 Family7	Pr_84628  Pr_76956  Pr_78154  Pr_78438  Pr_74226	Family445 Family288 Family288 Family14493 Family8
Block EXISTS	Pr_71588 Pr_71618 Pr_74225 Pr_74227 Pr_71551	Family7 Family7 Family4672	Pr_78154 Pr_78438 Pr_74226	Family288 Family14493 Family8
Block EXISTS	Pr_71588 Pr_71618 Pr_74225 Pr_74227 Pr_71551	Family7 Family7 Family4672	Pr_78154 Pr_78438 Pr_74226	Family288 Family14493 Family8
Block EXISTS Block EXISTS Block EXISTS Block EXISTS Block EXISTS Block DOES NOT EXIST	Pr_71588 Pr_71618 Pr_74225 Pr_74227 Pr_71551	Family7 Family7 Family4672	Pr_78154 Pr_78438 Pr_74226	Family288 Family14493 Family8
Block EXISTS Block EXISTS Block EXISTS Block DOES NOT EXIST	Pr_74225 Pr_74227 Pr_71551	Family4672	Pr_74226	Family8
Block EXISTS  Block EXISTS  Block DOES NOT EXIST	Pr_74227 Pr_71551	•	_	
Block EXISTS  Block EXISTS  Block DOES NOT EXIST	Pr_74227 Pr_71551	•	_	
Block EXISTS Block DOES NOT EXIST	Pr_71551	Family8	Pr_74228	E10-4070
Block DOES NOT EXIST				Family4672
Block DOES NOT EXIST				
		Family44	Pr_77785	Family643
	Pr_71553	Family44	Pr_94924	Family18701
Block EXISTS	Pr_77767	Family643	Pr_77768	Family44
Block EXISTS	Pr_83916	Family103	Pr_83917	Family10031
Block EXISTS	Pr_83918	Family10031	Pr_83919	Family103
Block DOES NOT EXIST	Pr_85960	Family69	Pr_85961	Family103
imilies	D- 75750	Family 2054	D- 75752	Family 2070
Block DOES NOT EXIST Block DOES NOT EXIST	Pr_75752 Pr_77851	Family2851 Family2851	Pr_75753 Pr_77852	Family3879
imilies	FI_//651	Faililly2001	PI_//052	Family30828
Block DOES NOT EXIST	Pr_84393	Family7520	Pr_84394	Family30952
Block DOES NOT EXIST		Family7958		Family9235
BIOCK BOLS NOT EXIST	11_04393	1 arrilly 7 930	11_90042	1 arriily 9233
Block FXISTS	Pr 73682	Family491	Pr 73683	Family113
		-		Family113
				Family491
	<u> </u>	,		<u>, , , , , , , , , , , , , , , , , , , </u>
Block DOES NOT EXIST	Pr_74123	Family254	Pr_74124	Family254
Block DOES NOT EXIST	Pr_74129	Family254	Pr_74130	Family254
		-		-
Block EXISTS	Pr_41853	Family4680	Pr_85113	Family14644
Block EXISTS	Pr_42981	Family4680	Pr_85389	Family14644
milies				
Block DOES NOT EXIST	Pr_73844	Family854	Pr_73845	Family4393
Block DOES NOT EXIST	Pr_73852	Family7761	Pr_73853	Family854
Block DOES NOT EXIST	Pr_73854	Family854	Pr_73855	Family30748
Block EXISTS	Pr_49345	Family1816	Pr_80150	Family13311
	Pr_71772	Family1816	Pr_80127	Family13311
	B =		D 00===	
milies		•		Family14629
milies  Block DOES NOT EXIST		-		Family11289
Block DOES NOT EXIST Block DOES NOT EXIST		⊦amily14629	Pr_79590	Family30855
	Block EXISTS Block EXISTS Block EXISTS Block DOES NOT EXIST Block DOES NOT EXIST Block EXISTS Block EXISTS Block EXISTS Block DOES NOT EXIST Block DOES NOT EXIST Block DOES NOT EXIST Block EXISTS Block EXISTS Block EXISTS Block DOES NOT EXIST Block EXISTS Block EXISTS Block EXISTS Block EXISTS Block DOES NOT EXIST	Block EXISTS Pr_73682  Block EXISTS Pr_78701  Block EXISTS Pr_78703  Block DOES NOT EXIST Pr_74123  Block DOES NOT EXIST Pr_74129  Block EXISTS Pr_41853  Block EXISTS Pr_42981  Block DOES NOT EXIST Pr_73844  Block DOES NOT EXIST Pr_73852  Block DOES NOT EXIST Pr_73854  Block EXISTS Pr_73854  Block EXISTS Pr_73854  Block DOES NOT EXIST Pr_73854  Block EXISTS Pr_737772  Block EXISTS Pr_717772  Block DOES NOT EXIST Pr_54469  Block DOES NOT EXIST Pr_5581	Block EXISTS	Block EXISTS

		Block DOES NOT EXIST	Pr_75601	Family10348	Pr_75602	No families
		Block DOES NOT EXIST	Pr_78353	No families	Pr_78354	No families
BlockID: Pra_121	Gene missing					
		Block DOES NOT EXIST	Pr_79146	No families	Pr_79147	Family6880
D. 11D D. 100		Block DOES NOT EXIST	Pr_83337	Family639	Pr_83338	No families
BlockID: Pra_122	Present	DI LEMOTO	D 00101	E " 10500	D 00405	F " 10010
		Block EXISTS	Pr_80494	Family18560	Pr_80495	Family18312
DisakiDi Dra 102	Dissimilar families	Block EXISTS	Pr_80496	Family18312	Pr_80497	Family18560
BlockID: Pra_123	Dissimilar families	Block DOES NOT EXIST	Dr. 46120	Family2926	Pr 77925	Family740
		Block DOES NOT EXIST	Pr_46120 Pr_71567	Family740	Pr_77923 Pr_77922	Family14
BlockID: Pra_124	Dissimilar families	BIOCK DOES NOT EXIST	F1_/ 130/	railily/40	F1_//922	ranniy 14
DIOCKID. I Ia_124	Dissirillar farillies	Block DOES NOT EXIST	Pr 72078	Family34	Pr_83093	Family185
		Block DOES NOT EXIST	Pr 83095	Family4404	Pr_83096	Family185
BlockID: Pra_125	Present	BIOCK BOLO NOT EXIOT	11_00000	1 anniy++0+	11_00000	1 diffilly 100
BIOCKID. I Ta_125	1 TOSCIIC	Block EXISTS	Pr_49472	Family1412	Pr_80183	Family139
		Block EXISTS	Pr 49493	Family1412	Pr 80205	Family139
BlockID: Pra_126	Present	BIOOK EXTO TO	11_10100	1 anniy 1 1 12	11_00200	T diffiny 100
BIOGRID: 114_120	1 1000111	Block EXISTS	Pr_41857	Family67	Pr_85116	Family1889
		Block EXISTS	Pr_41862	Family67	Pr_85118	Family1889
BlockID: Pra_127	Present	2.001. 27.101.0		· aye.	00	
		Block EXISTS	Pr_73621	Family21	Pr_73622	Family95
		Block EXISTS	Pr 73623	Family95	Pr_73624	Family21
BlockID: Pra_128	Dissimilar families			, , , ,		<u> </u>
		Block DOES NOT EXIST	Pr_45408	Family12849	Pr_77346	Family2445
		Block DOES NOT EXIST	Pr_74920	Family5976	Pr_74921	Family138
BlockID: Pra_13	Dissimilar families			•		
		Block DOES NOT EXIST	Pr_73607	Family137	Pr_73608	Family142
		Block DOES NOT EXIST	Pr_83498	Family142	Pr_83499	Family246
BlockID: Pra_14 Pr	Present					
		Block EXISTS	Pr_73241	Family718	Pr_73242	Family14613
		Block EXISTS	Pr_85222	Family14613	Pr_85223	Family718
BlockID: Pra_15	Present					
		Block DOES NOT EXIST	Pr_72947	No families	Pr_72949	Family64
		Block EXISTS	Pr_77080	Family64	Pr_77081	Family967
		Block EXISTS	Pr_79457	Family656	Pr_79458	Family64
		Block EXISTS	Pr_81559	Family635	Pr_81560	Family656
		Block EXISTS	Pr_81759	Family64	Pr_81760	Family967
		Block EXISTS	Pr_83103	Family490	Pr_83104	Family635
BlockID: Pra_16	Dissimilar families					
		Block DOES NOT EXIST	Pr_78558	Family112	Pr_78559	Family14623
DisakiD: Dr. 47	Dissimilar familia	Block DOES NOT EXIST	Pr_78560	Family14623	Pr_78561	Family1227
BlockID: Pra_17	Dissimilar families	Plank DOES NOT EVICE	Dr 04564	Eomily 0.45	Dr 06004	Family 04.54
		Block DOES NOT EXIST	Pr_84561	Family845	Pr_96881	Family8151
PlackID: Dro 10	Proceet	Block DOES NOT EXIST	Pr_84747	Family845	Pr_84748	Family8287
BlockID: Pra_18	Present	Block EXISTS	Pr_73292	Family845	Pr 73293	Family556
		Block DOES NOT EXIST	Pr_73292 Pr_79475	Family556	Pr_73293 Pr_79476	Family30853
		Block EXISTS	Pr_83546	Family6909	Pr_83547	Family845
		Block EXISTS	Pr_84574	Family18688	Pr_84575	Family18689
		Block EXISTS	Pr_84746	Family6909	Pr_84747	Family845
		Block EXISTS	Pr_85564	Family18689	Pr_85565	Family18688
BlockID: Pra_19	Gene missing	2.00 2.1010	55554	. willing 10000	00000	, 10000
	5	Block DOES NOT EXIST	Pr_47622	No families	Pr_78752	Family1487
		Block DOES NOT EXIST	Pr 47624	No families	Pr_78757	Family22
BlockID: Pra 2	Present					·
		Block EXISTS	Pr_76970	Family1136	Pr_76971	Family1404
		Block EXISTS	Pr_81658	Family1136	Pr_81659	Family1404
BlockID: Pra_20	Dissimilar families			,		<u>, -                                   </u>
		Block DOES NOT EXIST	Pr_85349	Family30968	Pr_85350	Family30969
				-		•

		Block DOES NOT EXIST	Pr_96555	Family11029	Pr_96556	Family31097
BlockID: Pra_21	Dissimilar families	DI I DOFO NOT EVIOT	D 70000	E :: 7004	D 70007	F " 101
		Block DOES NOT EXIST	Pr_76236	Family7031	Pr_76237	Family164
District Description	Danasant	Block DOES NOT EXIST	Pr_78328	Family164	Pr_78329	Family2456
BlockID: Pra_22	Present	DII- EVIOTO	D. 77050	F!b-0007	D: 77057	F!b-0040
		Block EXISTS	Pr_77656	Family8807	Pr_77657	Family3610
PlockID: Dro. 22	Drocont	Block EXISTS	Pr_85331	Family3610	Pr_97104	Family8807
BlockID: Pra_23	Present	Block EXISTS	Pr_42921	Family6467	Pr 85361	Family5513
		Block EXISTS			Pr 96500	-
BlockID: Pra_24	Present	DIUCK EXISTS	Pr_96499	Family6467	F1_90500	Family5513
BIOCKID. FIA_24	FIESEIIL	Block EXISTS	Pr_72932	Family3307	Pr_72933	Family3458
		Block EXISTS	Pr_84157	Family3307	Pr_84158	Family3307
BlockID: Pra_25	Gene missing	BIOCK EXISTS	F1_04137	railily3436	F1_04130	r anniy 3307
DIOCKID. I 1a_23	Octic illissing	Block DOES NOT EXIST	Pr_52940	No families	Pr_82640	Family17463
		Block DOES NOT EXIST	Pr_71502	No families	Pr_77264	No families
BlockID: Pra_26	Present	BIOOK BOLO NOT EXIOT	11_71002	140 Idillines	11_77204	140 Idillilico
BIOOMB.TTG_20	1 1000110	Block EXISTS	Pr_74345	Family8482	Pr_74346	Family1694
		Block EXISTS	Pr 84058	Family1694	Pr_84059	Family8482
BlockID: Pra_27	Present	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	c	, 100 7	01000	, 0 102
		Block EXISTS	Pr_76331	Family6	Pr_76332	Family15
		Block EXISTS	Pr 83098	Family15	Pr_83099	Family6
BlockID: Pra_28	Present			,		- ···· <b>y -</b>
		Block EXISTS	Pr 53735	Family261	Pr_83158	Family1683
		Block EXISTS	Pr_83159	Family1683	Pr_83160	Family261
BlockID: Pra_29	Gene missing			,		
_	<u> </u>	Block DOES NOT EXIST	Pr_48644	No families	Pr_79511	Family146
		Block DOES NOT EXIST	 Pr_71709	Family107	Pr_79513	Family146
BlockID: Pra_3	Dissimilar families					
		Block EXISTS	Pr_44199	Family23	Pr_76724	Family399
		Block DOES NOT EXIST	 Pr_71443	Family23	 Pr_76717	Family15571
BlockID: Pra_30	Dissimilar families		_	,	_	ĺ
		Block DOES NOT EXIST	Pr_81532	Family1934	Pr_81533	Family1018
		Block DOES NOT EXIST	Pr_81534	Family4456	Pr_81535	Family1018
BlockID: Pra_31	Present					
		Block EXISTS	Pr_83461	Family1999	Pr_83462	Family165
		Block EXISTS	Pr_85046	Family165	Pr_85047	Family1999
BlockID: Pra_32	Present					
		Block EXISTS	Pr_82360	Family18257	Pr_82361	Family1695
		Block EXISTS	Pr_84270	Family18257	Pr_96818	Family1695
BlockID: Pra_33	Dissimilar families					
		Block DOES NOT EXIST	Pr_79459	No families	Pr_79461	Family10916
		Block DOES NOT EXIST	Pr_80168	No families	Pr_80169	Family8376
		Block DOES NOT EXIST	Pr_80537	No families	Pr_80539	Family10916
		Block DOES NOT EXIST	Pr_81001	Family759	Pr_81003	No families
		Block DOES NOT EXIST	Pr_82175	Family759	Pr_82176	Family11219
		Block DOES NOT EXIST	Pr_82503	No families	Pr_82504	Family25584
·		Disak DOES NOT EVIST	D: 00504	- " 10010	Dr 02505	No families
BlockID: Pra 34		Block DOES NOT EXIST	Pr_83504	Family10916	Pr_83505	
BlockID: Pra_34	Gene missing			•	_	
BlockID: Pra_34	Gene missing	Block DOES NOT EXIST	Pr_43521	No families	Pr_76662	No families
BlockID: Pra_34	Gene missing			•	_	
BlockID: Pra_34  BlockID: Pra_35	Gene missing  Dissimilar families	Block DOES NOT EXIST Block DOES NOT EXIST	Pr_43521 Pr_49465	No families No families	Pr_76662 Pr_80286	No families No families
_		Block DOES NOT EXIST	Pr_43521 Pr_49465 Pr_49228	No families	Pr_76662 Pr_80286 Pr_80059	No families
_		Block DOES NOT EXIST Block DOES NOT EXIST	Pr_43521 Pr_49465	No families No families	Pr_76662 Pr_80286	No families No families
_		Block DOES NOT EXIST Block DOES NOT EXIST Block DOES NOT EXIST	Pr_43521 Pr_49465 Pr_49228	No families No families No families	Pr_76662 Pr_80286 Pr_80059	No families No families Family11846
BlockID: Pra_35		Block DOES NOT EXIST	Pr_43521 Pr_49465 Pr_49228 Pr_52940	No families No families No families No families	Pr_76662 Pr_80286 Pr_80059 Pr_82638	No families No families Family11846 Family759
BlockID: Pra_35	Dissimilar families	Block DOES NOT EXIST Block DOES NOT EXIST Block DOES NOT EXIST Block DOES NOT EXIST	Pr_43521 Pr_49465 Pr_49228 Pr_52940	No families No families No families No families	Pr_76662 Pr_80286 Pr_80059 Pr_82638	No families No families Family11846 Family759
_	Dissimilar families	Block DOES NOT EXIST	Pr_43521 Pr_49465 Pr_49228 Pr_52940 Pr_72171	No families No families No families No families No families	Pr_76662 Pr_80286 Pr_80059 Pr_82638 Pr_83941	No families No families Family11846 Family759 Family8376
BlockID: Pra_35	Dissimilar families	Block DOES NOT EXIST Block DOES NOT EXIST  Block DOES NOT EXIST Block DOES NOT EXIST Block DOES NOT EXIST Block DOES NOT EXIST Block DOES NOT EXIST	Pr_43521 Pr_49465 Pr_49228 Pr_52940 Pr_72171 Pr_71839	No families No families No families No families No families Family15	Pr_76662 Pr_80286 Pr_80059 Pr_82638 Pr_83941 Pr_80873	No families No families Family11846 Family759 Family8376 Family200

		Block EXISTS	Pr_85333	Family1325	Pr_97104	Family8807
BlockID: Pra_38	Present					
		Block EXISTS	Pr_72684	Family28	Pr_72685	Family2161
		Block EXISTS	Pr_72687	Family2161	Pr_72688	Family28
BlockID: Pra_39	Present					
		Block EXISTS	Pr_83576	Family25	Pr_83577	Family155
	5	Block EXISTS	Pr_83578	Family25	Pr_83579	Family155
BlockID: Pra_4	Dissimilar families	D		- "		- "
		Block DOES NOT EXIST	Pr_83802	Family15515	Pr_83803	Family3202
DI 11D D 40		Block DOES NOT EXIST	Pr_84987	Family3202	Pr_84988	Family3917
BlockID: Pra_40	Present	Dis all EVIOTO	D: 75004	F !b -4.00.4	D. 75005	E
		Block EXISTS	Pr_75664	Family1024	Pr_75665	Family54
DisabilDi Das 44	Descent	Block EXISTS	Pr_94231	Family54	Pr_94233	Family1024
BlockID: Pra_41	Present	Dis all EVIOTO	D. 70005	F!h-0005	D: 05704	F:1-0500
		Block EXISTS	Pr_72365	Family6865	Pr_85724	Family6536
DisabilDi Das 40	Dissipallan famallisa	Block EXISTS	Pr_85721	Family6865	Pr_85722	Family6536
BlockID: Pra_42	Dissimilar families	Disal DOEC NOT EVICE	D- 74005	Family CO	D= 75404	Family 400
		Block DOES NOT EXIST	Pr_71285	Family62	Pr_75161	Family122
PlackID: Dra 42	Procent .	Block DOES NOT EXIST	Pr_79547	Family62	Pr_79548	Family80
BlockID: Pra_43	Present	Plack EVICTO	Dr 40427	Eamily2549	Dr 75444	Eamily0
		Block EXISTS	Pr_40437	Family2518	Pr_75414	Family9
PlockID: Dro. 44	Dissimilar families	Block EXISTS	Pr_71306	Family2518	Pr_75411	Family9
BlockID: Pra_44	Dissimilar families	Block DOES NOT EXIST	Pr_73349	Family9	Pr_73350	Family127
		Block DOES NOT EXIST	Pr_73349 Pr_73351	Family174	Pr_73352	Family6792
PlockID: Pro 45	Present (diff. copies)	BIOCK DOES NOT EXIST	F1_73331	r anning 174	FI_/ 3332	ranniyo792
BlockID: Pra_45	i resent (uni. copies)	Block DOES NOT EXIST	Pr_82873	Family719	Pr_82874	Family3432
		Block EXISTS	Pr 82876	Family6015	Pr 82877	Family1906
BlockID: Pra_46	Present	DIOCK EXISTS	11_02070	1 anniyoo 13	11_02077	T attility 1900
DIOCKID: 1 1a_40	1 103011t	Block EXISTS	Pr_85097	Family2242	Pr_85098	Family782
		Block EXISTS	Pr_85099	Family782	Pr_85100	Family2242
BlockID: Pra_47	Present	DIOCK EXIOTO	11_03033	r arring r oz	11_00100	1 anniy2242
		Block EXISTS	Pr 71069	Family194	Pr_71070	Family203
		Block EXISTS	Pr_71906	Family194	Pr_71907	Family203
BlockID: Pra_48	Gene missing			•	<del>-</del>	,
	<u> </u>	Block DOES NOT EXIST	Pr_42566	No families	Pr_85284	No families
		Block DOES NOT EXIST	Pr_49751	No families	Pr_80425	No families
BlockID: Pra_5	Present					
		Block EXISTS	Pr_78169	Family187	Pr_78170	Family340
		Block DOES NOT EXIST	Pr_78171	Family340	Pr_78172	Family1520
		Block EXISTS	Pr_78173	Family340	Pr_78174	Family187
BlockID: Pra_50	Dissimilar families					
		Block DOES NOT EXIST	Pr_41853	Family4680	Pr_85111	Family30961
		Block DOES NOT EXIST	Pr_42981	Family4680	Pr_85391	Family4033
BlockID: Pra_51		Blook BOLO NOT EXIOT	11_12001	,		
<del>-</del>	Dissimilar families	Block Bollo Hot Exter	11_12001	,		
	Dissimilar families	Block DOES NOT EXIST	Pr_73259	Family1551	Pr_73260	Family297
	Dissimilar families		_	•	Pr_73260 Pr_73264	Family297 Family16124
BlockID: Pra_52	Dissimilar families  Dissimilar families	Block DOES NOT EXIST	Pr_73259	Family1551	_	
BlockID: Pra_52		Block DOES NOT EXIST	Pr_73259	Family1551	_	
BlockID: Pra_52		Block DOES NOT EXIST Block DOES NOT EXIST	Pr_73259 Pr_73263	Family1551 Family297	Pr_73264	Family16124
		Block DOES NOT EXIST Block DOES NOT EXIST Block DOES NOT EXIST	Pr_73259 Pr_73263 Pr_76304	Family1551 Family297 Family26	Pr_73264 Pr_76305	Family16124 Family6
	Dissimilar families	Block DOES NOT EXIST Block DOES NOT EXIST Block DOES NOT EXIST	Pr_73259 Pr_73263 Pr_76304	Family1551 Family297 Family26	Pr_73264 Pr_76305	Family16124 Family6
	Dissimilar families	Block DOES NOT EXIST Block DOES NOT EXIST Block DOES NOT EXIST Block DOES NOT EXIST	Pr_73259 Pr_73263 Pr_76304 Pr_76311	Family1551 Family297 Family26 Family8562	Pr_73264 Pr_76305 Pr_76312	Family16124 Family6 Family26
BlockID: Pra_53	Dissimilar families	Block DOES NOT EXIST	Pr_73259 Pr_73263 Pr_76304 Pr_76311 Pr_73242	Family1551 Family297 Family26 Family8562 Family14613	Pr_73264  Pr_76305  Pr_76312  Pr_73243	Family16124 Family6 Family26 Family30743
BlockID: Pra_53	Dissimilar families  Dissimilar families	Block DOES NOT EXIST	Pr_73259 Pr_73263 Pr_76304 Pr_76311 Pr_73242	Family1551 Family297 Family26 Family8562 Family14613	Pr_73264  Pr_76305  Pr_76312  Pr_73243	Family16124 Family6 Family26 Family30743
BlockID: Pra_53	Dissimilar families  Dissimilar families	Block DOES NOT EXIST	Pr_73259 Pr_73263 Pr_76304 Pr_76311 Pr_73242 Pr_85221	Family1551 Family297 Family26 Family8562 Family14613 Family5651	Pr_73264  Pr_76305  Pr_76312  Pr_73243  Pr_85222	Family16124 Family6 Family26 Family30743 Family14613
BlockID: Pra_53 BlockID: Pra_54	Dissimilar families  Dissimilar families	Block DOES NOT EXIST	Pr_73259 Pr_73263  Pr_76304 Pr_76311  Pr_73242 Pr_85221  Pr_40367	Family1551 Family297 Family26 Family8562 Family14613 Family5651 Family100	Pr_73264  Pr_76305  Pr_76312  Pr_73243  Pr_85222  Pr_84650	Family16124 Family6 Family26 Family30743 Family14613 Family191
BlockID: Pra_53 BlockID: Pra_54	Dissimilar families  Dissimilar families  Present	Block DOES NOT EXIST	Pr_73259 Pr_73263  Pr_76304 Pr_76311  Pr_73242 Pr_85221  Pr_40367	Family1551 Family297 Family26 Family8562 Family14613 Family5651 Family100	Pr_73264  Pr_76305  Pr_76312  Pr_73243  Pr_85222  Pr_84650	Family16124 Family6 Family26 Family30743 Family14613 Family191
BlockID: Pra_52  BlockID: Pra_53  BlockID: Pra_54  BlockID: Pra_55	Dissimilar families  Dissimilar families  Present	Block DOES NOT EXIST Block EXISTS Block EXISTS	Pr_73259 Pr_73263  Pr_76304 Pr_76311  Pr_73242 Pr_85221  Pr_40367 Pr_85109	Family1551 Family297  Family26 Family8562  Family14613 Family5651  Family100 Family100	Pr_73264  Pr_76305  Pr_76312  Pr_73243  Pr_85222  Pr_84650  Pr_85110	Family16124 Family6 Family26 Family30743 Family14613 Family191 Family191

		Block EXISTS	Pr_72124	Family6865	Pr_83514	Family569
N 115 5	B	Block EXISTS	Pr_72365	Family6865	Pr_85726	Family569
BlockID: Pra_57	Dissimilar families	Distribution NOT EVICE	D: 04507	F !!- 4007	D: 04500	F
		Block DOES NOT EXIST	Pr_84537	Family1097	Pr_84538	Family1496
PlackID: Pra 59	Dissimilar families	Block DOES NOT EXIST	Pr_84541	Family1496	Pr_84542	Family1754
BlockID: Pra_58	Dissimilar families	Block DOES NOT EXIST	Pr_80924	Family1207	Pr 80925	Family1755
		Block DOES NOT EXIST	Pr_95260	Family1896	Pr_95261	Family713
BlockID: Pra_59	Present (diff. copies)	2.00.02.02.01.01.2.00.	00_00	. a.m.y rece	00_0.	
BIOOKID: 1 14_00	\ 1 /	Block DOES NOT EXIST	Pr_72886	Family365	Pr_72887	Family14611
		Block DOES NOT EXIST	Pr_77154	Family365	Pr_77155	Family1677
		Block EXISTS	Pr_83853	Family322	Pr_83854	Family365
BlockID: Pra_6	Present					
		Block EXISTS	Pr_79588	Family10870	Pr_79589	Family14629
		Block EXISTS	Pr_83556	Family14629	Pr_83557	Family10870
BlockID: Pra_60	Present					
		Block EXISTS	Pr_85084	Family313	Pr_85085	Family475
Distribution Description	Description	Block EXISTS	Pr_85615	Family313	Pr_97140	Family475
BlockID: Pra_61	Present	Plack EVICTO	Dr. 04060	Eamily 40707	Dr 04000	Family12467
		Block EXISTS Block EXISTS	Pr_84068 Pr_84754	Family10727	Pr_84069 Pr_84755	
BlockID: Pra_62	Dissimilar families	DIUUK ENIOTO	F1_04704	Family12467	F1_04/33	Family10727
BIOCKID: Pra_62	Dissimilar families	Block DOES NOT EXIST	Pr_72108	Family1256	Pr_83360	Family4443
		Block DOES NOT EXIST	Pr_72111	Family1256	Pr_83369	Family9053
BlockID: Pra_63	Present			<b>,</b>		,
		Block EXISTS	Pr_82678	Family181	Pr_82679	Family1075
		Block EXISTS	Pr_82680	Family1075	Pr_82681	Family181
BlockID: Pra_64	Present			-		-
		Block EXISTS	Pr_80529	Family560	Pr_80530	Family1691
		Block EXISTS	Pr_80533	Family1691	Pr_80534	Family560
BlockID: Pra_65	Gene missing					
		Block DOES NOT EXIST	Pr_80907	Family640	Pr_80908	No families
		Block DOES NOT EXIST	Pr_80910	No families	Pr_80911	Family640
BlockID: Pra_66	Present	D				
		Block EXISTS	Pr_41857	Family67	Pr_85114	Family1675
DisabilDi Des C7	Disabellas familias	Block EXISTS	Pr_41862	Family67	Pr_85120	Family1675
BlockID: Pra_67	Dissimilar families	Block DOES NOT EXIST	Dr 75720	Family007	Dr 75721	Family554
		Block DOES NOT EXIST	Pr_75730 Pr_80287	Family907 Family11038	Pr_75731 Pr_80288	No families
		Block DOES NOT EXIST	Pr_81922	No families	Pr_81923	Family554
BlockID: Pra_68	Dissimilar families		51022		0.020	. 2/1111,004
222		Block DOES NOT EXIST	Pr_81600	Family81	Pr_81601	Family18596
		Block DOES NOT EXIST	Pr_81613	Family30	Pr_96070	Family30
BlockID: Pra_69	Present			·		-
		Block EXISTS	Pr_82130	Family429	Pr_96244	Family77
		Block EXISTS	Pr_82132	Family429	Pr_82133	Family77
BlockID: Pra_7	Present					
_		Block EXISTS	Pr_74930	Family556	Pr_74931	Family2008
		Block EXISTS	Pr_74960	Family2008	Pr_74961	Family556
		Block DOES NOT EXIST	Pr_74962	Family2008	Pr_74963	Family30773
BlockID: Pra_70	Present	BL 1 EV/2070	D (075	<b>-</b>	D =====	
		Block EXISTS	Pr_48733	Family2197	Pr_79706	Family6909
		Block DOES NOT EXIST	Pr_80115	Family18647	Pr_80116	Family556
Disability Dec. 74	Cana miasira	Block EXISTS	Pr_80117	Family6909	Pr_80118	Family2197
BlockID: Pra_71	Gene missing	Plack DOES NOT EVICE	Dr 74207	Eamilyege	Dr 74200	Eamily 4
		Block DOES NOT EXIST Block DOES NOT EXIST	Pr_74297 Pr_78057	Family686 Family4	Pr_74299 Pr_78058	Family4 No families
BlockID: Pra_72	Present (diff. copies)	PIOCK DOES NOT EXIST	11_10001	ı allılıy4	1 1_1 0000	INO IAITIIILES
2.00MD. 1 1a_12	r resent (uni. copies)	Block DOES NOT EXIST	Pr_74231	Family4	Pr_74232	No families
		Block DOES NOT EXIST	Pr_78070	Family4	Pr_78071	Family10348
		DION DOLO NOT EXIOT	. 1_/ 50/ 0	i uniniy T	. 1_/ 30/ 1	1 diliniy 10040

		DI 1 DO=0 1/6= =: :: :=	D 00005		D 000	
		Block DOES NOT EXIST	Pr_82362	Family1964	Pr_82363	Family4
PlookID: Dra 70	Drogont .	Block EXISTS	Pr_82365	Family1964	Pr_82366	Family4
BlockID: Pra_73	Present	Diagle EVICEC	Dr. 74000	Family 4	Dr. 74004	Family 063
		Block EXISTS Block EXISTS	Pr_74233 Pr_83989	Family4 Family963	Pr_74234 Pr_83990	Family963
BlockID: Pra_74	Drocont	BIOCK EXISTS	Pr_83989	Family963	Pr_83990	Family4
BIOCKID. FTa_74	Present	Block EXISTS	Pr 50148	Family2787	Pr 71817	Family1355
		Block EXISTS	Pr 71696	Family1355	Pr_95374	Family2787
BlockID: Pra_75	Present	BIOCK EXISTS	F1_7 1090	Fairilly 1333	F1_93374	r anniy2707
BIOOKIB.TTQ_70	1 1636III	Block EXISTS	Pr_42003	Family66	Pr 75973	Family129
		Block EXISTS	Pr_71377	Family66	Pr_75965	Family129
		Block EXISTS	Pr_75967	Family129	Pr_75968	Family66
		Block EXISTS	Pr 75969	Family129	Pr_75970	Family66
BlockID: Pra_76	Gene missing	BIOOK EXILOTO	11_70000	1 anny 120	11_70070	1 animy 00
2.00.002.114_10 Oone missii	Conto inicomig	Block DOES NOT EXIST	Pr_76273	Family16153	Pr_76274	No families
		Block DOES NOT EXIST	Pr_83937	No families	Pr_83938	No families
BlockID: Pra_77	Present	2.00.1.2.0.1.2.1.0.1				. 10 10.1
BIOCKID. I Ta_FT TESCH		Block EXISTS	Pr_72933	Family3458	Pr_72934	Family3457
		Block EXISTS	Pr_84156	Family3457	Pr_84157	Family3458
BlockID: Pra_78	Dissimilar families			,		, ,,,,,,
DIOGNID: 1 14_70 DIO		Block DOES NOT EXIST	Pr_83225	Family12266	Pr_96555	Family11029
		Block DOES NOT EXIST	Pr_85350	Family30969	Pr_85351	Family12266
BlockID: Pra_79	Dissimilar families					· · · · · · · · · · · · · · · · · · ·
		Block DOES NOT EXIST	Pr_43055	Family34	Pr_76471	Family15061
		Block DOES NOT EXIST	Pr_76470	Family15061	Pr_94491	Family11
BlockID: Pra_8	Dissimilar families			•		•
		Block DOES NOT EXIST	Pr_74979	Family556	Pr_74980	Family10996
		Block DOES NOT EXIST	Pr_84745	Family10996	Pr_84746	Family6909
		Block DOES NOT EXIST	Pr_84913	Family18599	Pr_84914	Family556
BlockID: Pra_80	Dissimilar families					
_		Block DOES NOT EXIST	Pr_40722	Family13464	Pr_84765	Family352
		Block EXISTS	Pr_85408	Family11	Pr_85409	Family351
BlockID: Pra_81	Gene missing					
		Block DOES NOT EXIST	Pr_39486	Family30702	Pr_84275	No families
		Block DOES NOT EXIST	Pr_52427	No families	Pr_74305	Family638
BlockID: Pra_82	Dissimilar families					
		Block DOES NOT EXIST	Pr_72172	Family58	Pr_83945	Family14303
		Block DOES NOT EXIST	Pr_83941	Family8376	Pr_83942	Family58
BlockID: Pra_83	Present (diff. copies)					
		Block DOES NOT EXIST	Pr_78779	Family2901	Pr_78780	Family806
		Block EXISTS	Pr_78782	Family806	Pr_78783	Family307
BlockID: Pra_84	Present (diff. copies)	D		- "		- "
		Block EXISTS	Pr_83699	Family1564	Pr_96650	Family196
Distribution Description	Discharge for the	Block DOES NOT EXIST	Pr_83700	Family12384	Pr_83701	Family196
BlockID: Pra_85	Dissimilar families	Dis als DOEO NOT EVIOT	D. 77070	F:!500	D: 77074	F!b-00045
		Block DOES NOT EXIST	Pr_77070	Family562	Pr_77071	Family30815
Disabilation and a	Dissimilar families	Block DOES NOT EXIST	Pr_77140	Family6124	Pr_77141	Family562
BlockID: Pra_86	Dissimilar families	Diagle DOES NOT EVIST	Dr. 44065	Family 157	Dr. 76765	Family 1701
		Block DOES NOT EXIST	Pr_44065	Family157	Pr_76765	Family1721
BlockID: Pra_87	Dissimilar families	Block EXISTS	Pr_76761	Family1721	Pr_76762	Family975
DIOCKID. FIA_0/	DISSITIIIAI TATTIIIIES	Block DOES NOT EXIST	Pr_85096	Family15145	Pr_85097	Family2242
		Block DOES NOT EXIST	Pr_85100	Family 15145	Pr_85101	Family3186
BlockID: Pra_88	Present	PIOCK DOES NOT EVIST	1-1_00 100	ranniy2242	-1_00101	r anny s rou
DIOCKID. FIA_00	1 1636111	Block EXISTS	Pr_80732	Family165	Pr_80733	Family18653
		Block EXISTS	Pr_80734	Family18653	Pr_80735	Family165
BlockID: Pra_89	Present	DIOUN EXIOTO	1 1_007 34	1 anniy 10000	11_00/33	r arrilly 100
5.00MD. 1 1a_03	. TOOGIT	Block EXISTS	Pr_77845	Family884	Pr_77846	Family9
		Block EXISTS	Pr_77847	Family9	Pr_77848	Family884
BlockID: Pra_9	Dissimilar families				,,, 0,,0	,
	2.00					

		Block DOES NOT EXIST	Pr_83387	Family556	Pr_83388	Family30929
		Block DOES NOT EXIST	Pr_84691	Family556	Pr_84692	Family30954
BlockID: Pra_90	Present					
		Block EXISTS	Pr_71296	Family740	Pr_75271	Family228
		Block EXISTS	Pr_71567	Family740	Pr_77924	Family228
		Block EXISTS	Pr_72376	Family740	Pr_85848	Family228
BlockID: Pra_91	Present					
		Block EXISTS	Pr_85360	Family4239	Pr_85361	Family5513
		Block EXISTS	Pr_96500	Family5513	Pr_96502	Family4239
BlockID: Pra_92	Present					
		Block EXISTS	Pr_79190	Family724	Pr_79191	Family725
		Block EXISTS	Pr_83764	Family725	Pr_83765	Family724
BlockID: Pra_93	Present					
		Block EXISTS	Pr_85217	Family570	Pr_85218	Family5396
		Block EXISTS	Pr_85338	Family5396	Pr_85339	Family570
BlockID: Pra_94	Dissimilar families					
		Block DOES NOT EXIST	Pr_78806	No families	Pr_78807	Family2313
		Block EXISTS	Pr_85224	Family2313	Pr_85225	Family3489
llockID: Pra_95	Present					
		Block EXISTS	Pr_79218	Family481	Pr_79219	Family268
		Block EXISTS	Pr_79224	Family268	Pr_79225	Family481
BlockID: Pra_96	Present					
		Block EXISTS	Pr_82715	Family671	Pr_82716	Family148
		Block EXISTS	Pr_82719	Family148	Pr_82720	Family671
		Block DOES NOT EXIST	Pr_84119	Family16686	Pr_84120	Family148
BlockID: Pra_97	Present					
		Block EXISTS	Pr_75880	Family1198	Pr_75881	Family982
		Block EXISTS	Pr_75884	Family982	Pr_75885	Family1198
BlockID: Pra_98	Dissimilar families					
		Block DOES NOT EXIST	Pr_83228	Family8449	Pr_96556	Family31097
		Block DOES NOT EXIST	Pr_85348	Family102	Pr_85349	Family30968
BlockID: Pra_99	Dissimilar families					
		Block DOES NOT EXIST	Pr_74366	Family102	Pr_74367	Family4
		Block DOES NOT EXIST	Pr_74368	Family30764	Pr_74369	Family4
BlockID: Pso_1	Dissimilar families					
		Block DOES NOT EXIST	Ps_136148	Family8	Ps_136149	Family1793
		Block DOES NOT EXIST	Ps_136162	Family472	Ps_136163	Family8
BlockID: Pso_10	Present					
		Block EXISTS	Ps_128078	Family2860	Ps_128079	Family1969
		Block DOES NOT EXIST	Ps_130015	Family23442	Ps_130016	Family432
		Block EXISTS	Ps_130806	Family2860	Ps_130807	Family1969
		Block DOES NOT EXIST	Ps_132082	Family16005	Ps_132083	No families
		Block EXISTS	Ps_132112	Family2860	Ps_132113	Family1969
		Block DOES NOT EXIST	Ps_132126	Family2860	Ps_132127	Family6421
		Block EXISTS	Ps_132493	Family10764	Ps_132495	Family432
		Block DOES NOT EXIST	Ps_134071	Family1969	Ps_134072	No families
		Block EXISTS	Ps_134389	Family10764	Ps_134390	Family432
		Block DOES NOT EXIST	Ps_134396	Family31571	Ps_134397	Family432
		Block DOES NOT EXIST	Ps_136079	No families	Ps_136080	Family1969
		Block DOES NOT EXIST	Ps_137391	Family432	Ps_137392	No families
		Block DOES NOT EXIST	Ps_138660	Family1969	Ps_138662	Family18809
		Block DOES NOT EXIST	Ps_139944	Family28585	Ps_139946	Family432
		Block DOES NOT EXIST	Ps_142440	Family13506	Ps_142441	No families
		Block EXISTS	Ps_143217	Family1969	Ps_143220	Family18238
				Family14416	Ps_143315	Family432
		Block DOES NOT EXIST	Ps_143313	Taililly 144 IO	1 3_143313	
BlockID: Pso_100	Present	Block DOES NOT EXIST	Ps_143313	T anning 144 10	1 3_143313	
BlockID: Pso_100	Present	Block DOES NOT EXIST Block EXISTS	Ps_143313 Ps_130335	Family1721	Ps_130336	Family975
BlockID: Pso_100	Present		_	•	_	Family975 Family1721
BlockID: Pso_100	Present (diff. copies)	Block EXISTS	Ps_130335	Family1721	Ps_130336	

		Block DOES NOT EXIST	Ps_140482	Family12453	Ps_140483	Family121
BlockID: Pso_102	Gene missing					
		Block DOES NOT EXIST	Ps_129701	Family9	Ps_129702	No families
		Block DOES NOT EXIST	Ps_139298	No families	Ps_139299	Family9
BlockID: Pso_103	Dissimilar families	D D		= "		
		Block DOES NOT EXIST	Ps_129267	Family16331	Ps_129268	Family75
Distribution Description	Danasat	Block EXISTS	Ps_129560	Family743	Ps_129561	Family75
BlockID: Pso_104	Present	Disal DOEC NOT EVICE	D- 407440	Family 40440	D- 407450	Family 4 470
		Block DOES NOT EXIST	Ps_137149	Family10419	Ps_137150	Family1479
		Block EXISTS	Ps_137211	Family58	Ps_137212	Family1479
		Block EXISTS	Ps_138901	Family58	Ps_138902	Family1479
		Block EXISTS	Ps_141990 Ps_143081	Family58	Ps_141991 Ps_143082	Family1479
BlockID: Pso_105	Drocont	Block EXISTS	PS_143061	Family1479	PS_143062	Family58
BIOCKID. F30_103	FIESCIIL	Block EXISTS	Ps_130353	Family1479	Ps_130354	Family698
		Block EXISTS	Ps_137150	Family1479	Ps_137151	Family698
		Block EXISTS	Ps_142396	Family1479	Ps_142397	Family698
BlockID: Pso_106	Dracant	DIOCK EXIOTO	13_142390	Talling 1479	1 3_142397	1 anniyoso
הוטטעום. F30_100	i icociil	Block DOES NOT EXIST	Ps_132003	Family38	Ps_132004	Family10696
		Block EXISTS	Ps 132042	Family25	Ps_132004 Ps_132043	Family38
		Block EXISTS	Ps_132042 Ps_139169	Family38	Ps_132043 Ps_139170	Family25
		Block EXISTS	Ps_139109 Ps_141138	Family38	Ps_139170 Ps_141139	Family3145
		Block EXISTS	Ps_141150	Family38	Ps_141159 Ps_141152	Family3145
		Block EXISTS	Ps_141130 Ps_142146	Family38	Ps_141132 Ps_142147	Family25
		Block DOES NOT EXIST	Ps_144157	Family25	Ps_144158	Family473
BlockID: Pso_107	Present	BIOGR BOLO NOT EXIOT	1 3_144107	1 dillily 20	1 3_144100	1 dilling 47 0
<u> </u>	11000111	Block EXISTS	Ps_135482	Family84	Ps_135483	Family38
		Block EXISTS	Ps_138608	Family38	Ps_138609	Family84
BlockID: Pso 108	Dissimilar families	2.001. 27.10.10	. 000000	,	. 000000	, .
		Block DOES NOT EXIST	Ps_128100	Family38	Ps_128101	Family18790
		Block DOES NOT EXIST	Ps_128103	Family18790	Ps_128104	Family726
BlockID: Pso_109	Present		_	,	_	,
		Block DOES NOT EXIST	Ps_115857	Family491	Ps_133938	Family16745
		Block EXISTS	Ps_133330	Family113	Ps_133331	Family491
		Block EXISTS	Ps_133936	Family491	Ps_133937	Family113
BlockID: Pso_11	Gene missing					
		Block DOES NOT EXIST	Ps_131665	Family270	Ps_131666	No families
		Block DOES NOT EXIST	Ps_131678	No families	Ps_131679	Family270
BlockID: Pso_110	Present					
		Block EXISTS	Ps_144653	Family4977	Ps_144654	Family2316
		Block EXISTS	Ps_144656	Family2316	Ps_144657	Family4977
BlockID: Pso_111	Gene missing					
		Block DOES NOT EXIST	Ps_139665	Family683	Ps_139666	No families
		Block DOES NOT EXIST	Ps_143765	No families	Ps_143766	Family683
BlockID: Pso_112	Gene missing					
		Block DOES NOT EXIST	Ps_130154	No families	Ps_130155	Family9902
DI 11D D 110	D: : :: ( :::	Block DOES NOT EXIST	Ps_131742	Family6979	Ps_131743	No families
BlockID: Pso_113	Dissimilar families	Disak DOEC NOT EVICE	Do 100000	Family 24.442	Do 100000	Family 75
		Block DOES NOT EXIST	Ps_129289	Family31410	Ps_129290	Family75
PlackID: Pag. 114	Gono missing	Block EXISTS	Ps_129297	Family421	Ps_129298	Family75
BlockID: Pso_114	Gene missing	Block DOES NOT EVIST	De 136356	No familias	De 126257	Family19166
		Block DOES NOT EXIST Block DOES NOT EXIST	Ps_136256 Ps_142086	No families No families	Ps_136257 Ps_142087	Family18166 Family18166
BlockID: Pso_115	Dissimilar families	חוחני הסבס ווחו בעופו	1.9_142000	INU IAITIIIIES	1.9_142001	r arrilly 10 100
DIOONID. 1 30_113	Dissimilar ranifilites	Block DOES NOT EXIST	Ps_127051	Family117	Ps_127053	No families
		Block DOES NOT EXIST	Ps_127051 Ps_130611	No families	Ps_127053 Ps_130612	Family117
		Block DOES NOT EXIST	Ps_135734	Family386	Ps_135735	No families
		Block DOES NOT EXIST	Ps_138492	Family10948	Ps_138494	Family386
		Block DOES NOT EXIST	Ps_144023	Family117	Ps_144025	No families
BlockID: Pso 116	Dissimilar families	2.00K B 0 L 0 H 0 I L M 0 I	. 5_117020	. wy 1 11	. 0 17020	.10 10.11.11100
2.30(12.1 00_110	2.30					

		Block DOES NOT EXIST	Ps_111966	Family18761	Ps_129487	Family12285
		Block DOES NOT EXIST	Ps_115742	Family31189	Ps_115743	Family197
BlockID: Pso_117	Gene missing					
		Block DOES NOT EXIST	Ps_131839	No families	Ps_131840	Family1646
DI 11D D 110	5	Block DOES NOT EXIST	Ps_143242	Family1646	Ps_143243	No families
BlockID: Pso_118	Dissimilar families	DI I DOSO NOT SVIOT	D 400000	F " 04400	D 100001	- " 11-
		Block DOES NOT EXIST	Ps_129693	Family31422	Ps_129694	Family117
		Block DOES NOT EXIST	Ps_132885	Family18793	Ps_132886	Family2021
		Block DOES NOT EXIST	Ps_140829	Family386	Ps_140833	Family14671
PlackID: Dog 110	Drocont (diff conics)	Block DOES NOT EXIST	Ps_144518	Family117	Ps_144519	Family12500
BIOCKID. PS0_119	Present (diff. copies)	Block EXISTS	Do 122709	Family386	Ps_133799	Family4
		Block DOES NOT EXIST	Ps_133798 Ps_139191	Family117	Ps 139192	Family4
BlockID: Pso_12	Dissimilar families	BIOCK DOES NOT EXIST	F8_139191	ranniy i i i	F5_139192	r anny4
DIOCKID. 1 30_12	Dissimilar families	Block DOES NOT EXIST	Ps_135533	Family79	Ps_135534	Family89
		Block DOES NOT EXIST	Ps_141316	Family9791	Ps_141317	Family79
BlockID: Pso_120	Dissimilar families	BIOCK BOLS NOT EXIST	1 3_141310	1 anniya7a1	13_141317	T allilly 19
5100KID. 1 30_120	Dissimilar families	Block DOES NOT EXIST	Ps_127050	Family2	Ps_127051	Family117
		Block DOES NOT EXIST	Ps_132799	Family117	Ps_132800	Family1213
BlockID: Pso_121	Gene missing	2.00K BOLO NOT EXIOT	. 5_102700	. Girmy i II	. 5_102000	. G.IIIIy 12 10
2.30(12.1 00_121	Controlling	Block DOES NOT EXIST	Ps_129127	Family386	Ps_129129	No families
		Block DOES NOT EXIST	Ps 131984	No families	Ps_131985	Family117
BlockID: Pso_122	Present	5 520 12 12 101				
2.00211 00122		Block EXISTS	Ps_128066	Family84	Ps_128069	Family117
		Block EXISTS	Ps_139823	Family117	Ps_139825	Family84
BlockID: Pso_123	Gene missing					,
		Block DOES NOT EXIST	Ps 129542	No families	Ps_129543	Family117
		Block DOES NOT EXIST	Ps_143655	Family117	Ps 143660	Family12285
BlockID: Pso 124	Present (diff. copies)		_	,	_	,
_	, , ,	Block DOES NOT EXIST	Ps_129905	Family117	Ps_129908	Family11941
		Block DOES NOT EXIST	Ps_130970	Family386	Ps_130972	Family11793
		Block EXISTS	Ps_137712	Family386	Ps_137714	Family4
BlockID: Pso_125	Present					
		Block EXISTS	Ps_129460	Family14670	Ps_129461	Family12503
		Block EXISTS	Ps_129621	Family12503	Ps_129622	Family14670
	Dracant					
BlockID: Pso_126	Present		Do 141072	Family231	Ps_141974	Family356
BlockID: Pso_126	Present	Block EXISTS	Ps_141973	1 anniy 201		
BlockID: Pso_126	Present	Block EXISTS Block EXISTS	Ps_141975 Ps_141975	Family356	Ps_141976	Family231
_					Ps_141976	Family231
_					Ps_141976 Ps_133444	Family231 Family289
_		Block EXISTS	Ps_141975	Family356	<u>-</u>	
BlockID: Pso_127		Block EXISTS  Block EXISTS	Ps_141975 Ps_108703	Family356 Family223 Family289	Ps_133444	Family289
BlockID: Pso_127	Present	Block EXISTS  Block EXISTS	Ps_141975 Ps_108703	Family356 Family223	Ps_133444	Family289
BlockID: Pso_127	Present	Block EXISTS  Block EXISTS  Block EXISTS	Ps_141975 Ps_108703 Ps_131520	Family356 Family223 Family289	Ps_133444 Ps_131521	Family289 Family223
BlockID: Pso_127 BlockID: Pso_128	Present	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	Ps_141975  Ps_108703  Ps_131520  Ps_109654	Family356 Family223 Family289 Family2789	Ps_133444 Ps_131521 Ps_144596 Ps_143827	Family289 Family223 Family2027
BlockID: Pso_127 BlockID: Pso_128	Present Present	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	Ps_141975  Ps_108703  Ps_131520  Ps_109654	Family356 Family223 Family289 Family2789	Ps_133444 Ps_131521 Ps_144596	Family289 Family223 Family2027
BlockID: Pso_127  BlockID: Pso_128  BlockID: Pso_129	Present  Present  Dissimilar families	Block EXISTS Block EXISTS Block EXISTS Block EXISTS Block EXISTS	Ps_141975  Ps_108703  Ps_131520  Ps_109654  Ps_143826	Family356  Family223 Family289  Family2789 Family2027	Ps_133444 Ps_131521 Ps_144596 Ps_143827	Family289 Family223 Family2027 Family2789
BlockID: Pso_127  BlockID: Pso_128  BlockID: Pso_129	Present Present	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_141975  Ps_108703  Ps_131520  Ps_109654  Ps_143826  Ps_134650  Ps_134656	Family356  Family223  Family289  Family2789  Family2027  Family7531  Family1602	Ps_133444 Ps_131521 Ps_144596 Ps_143827 Ps_134651 Ps_157017	Family289 Family223 Family2027 Family2789 Family548 Family548
BlockID: Pso_127  BlockID: Pso_128  BlockID: Pso_129	Present  Present  Dissimilar families	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_141975  Ps_108703  Ps_131520  Ps_109654  Ps_143826  Ps_134650  Ps_134656  Ps_132699	Family356  Family223 Family289  Family2789 Family2027  Family7531 Family1602  Family1076	Ps_133444 Ps_131521  Ps_144596 Ps_143827  Ps_134651 Ps_157017  Ps_156551	Family289 Family223 Family2027 Family2789 Family548 Family548 Family548
BlockID: Pso_127  BlockID: Pso_128  BlockID: Pso_129  BlockID: Pso_13	Present  Present  Dissimilar families  Dissimilar families	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_141975  Ps_108703  Ps_131520  Ps_109654  Ps_143826  Ps_134650  Ps_134656	Family356  Family223  Family289  Family2789  Family2027  Family7531  Family1602	Ps_133444 Ps_131521 Ps_144596 Ps_143827 Ps_134651 Ps_157017	Family289 Family223 Family2027 Family2789 Family548 Family548
BlockID: Pso_127  BlockID: Pso_128  BlockID: Pso_129  BlockID: Pso_13	Present  Present  Dissimilar families	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_141975  Ps_108703  Ps_131520  Ps_131520  Ps_143826  Ps_143826  Ps_134650  Ps_134656  Ps_132699  Ps_135329	Family356  Family223 Family289  Family2789 Family2027  Family7531 Family1602  Family1076 Family1076	Ps_133444 Ps_131521  Ps_144596 Ps_143827  Ps_134651 Ps_157017  Ps_156551 Ps_135330	Family289 Family223 Family2027 Family2789 Family548 Family548 Family6175 Family1069
BlockID: Pso_127  BlockID: Pso_128  BlockID: Pso_129  BlockID: Pso_13	Present  Present  Dissimilar families  Dissimilar families	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST	Ps_141975  Ps_108703  Ps_131520  Ps_131520  Ps_143826  Ps_143826  Ps_134650  Ps_134656  Ps_132699  Ps_135329  Ps_141895	Family356  Family223 Family289  Family2789 Family2027  Family7531 Family1602  Family1076 Family1076 Family853	Ps_133444 Ps_131521  Ps_144596 Ps_143827  Ps_134651 Ps_157017  Ps_156551 Ps_135330  Ps_141896	Family289 Family223 Family2027 Family2789 Family548 Family548 Family6175 Family1069 Family206
BlockID: Pso_127  BlockID: Pso_128  BlockID: Pso_129  BlockID: Pso_13  BlockID: Pso_130	Present  Present  Dissimilar families  Dissimilar families  Present	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_141975  Ps_108703  Ps_131520  Ps_131520  Ps_143826  Ps_143826  Ps_134650  Ps_134656  Ps_132699  Ps_135329	Family356  Family223 Family289  Family2789 Family2027  Family7531 Family1602  Family1076 Family1076	Ps_133444 Ps_131521  Ps_144596 Ps_143827  Ps_134651 Ps_157017  Ps_156551 Ps_135330	Family289 Family223 Family2027 Family2789 Family548 Family548 Family6175 Family1069
BlockID: Pso_127  BlockID: Pso_128  BlockID: Pso_129  BlockID: Pso_13  BlockID: Pso_130	Present  Present  Dissimilar families  Dissimilar families	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block EXISTS	Ps_141975  Ps_108703  Ps_131520  Ps_139654  Ps_143826  Ps_134650  Ps_134656  Ps_132699  Ps_135329  Ps_141895  Ps_142215	Family356  Family223  Family289  Family2789  Family2027  Family7531  Family1602  Family1076  Family1076  Family206	Ps_133444 Ps_131521  Ps_144596 Ps_143827  Ps_134651 Ps_157017  Ps_156551 Ps_135330  Ps_141896 Ps_158491	Family289 Family223 Family2027 Family2789 Family548 Family548 Family6175 Family1069 Family206 Family853
BlockID: Pso_127  BlockID: Pso_128  BlockID: Pso_129  BlockID: Pso_13  BlockID: Pso_130	Present  Present  Dissimilar families  Dissimilar families  Present	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS	Ps_141975  Ps_108703  Ps_131520  Ps_131520  Ps_143826  Ps_134650  Ps_134656  Ps_132699  Ps_135329  Ps_141895  Ps_142215  Ps_129903	Family356  Family223 Family289  Family2789 Family2027  Family7531 Family1602  Family1076 Family1076 Family206  Family853 Family206	Ps_133444 Ps_131521  Ps_144596 Ps_143827  Ps_134651 Ps_157017  Ps_156551 Ps_135330  Ps_141896 Ps_158491  Ps_129904	Family289 Family223 Family2027 Family2789 Family548 Family548 Family6175 Family1069 Family206 Family853 No families
BlockID: Pso_127  BlockID: Pso_128  BlockID: Pso_129  BlockID: Pso_13  BlockID: Pso_130  BlockID: Pso_131	Present  Present  Dissimilar families  Dissimilar families  Present  Gene missing	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block EXISTS	Ps_141975  Ps_108703  Ps_131520  Ps_139654  Ps_143826  Ps_134650  Ps_134656  Ps_132699  Ps_135329  Ps_141895  Ps_142215	Family356  Family223  Family289  Family2789  Family2027  Family7531  Family1602  Family1076  Family1076  Family206	Ps_133444 Ps_131521  Ps_144596 Ps_143827  Ps_134651 Ps_157017  Ps_156551 Ps_135330  Ps_141896 Ps_158491	Family289 Family223 Family2027 Family2789 Family548 Family548 Family6175 Family1069 Family206 Family853 No families
BlockID: Pso_126  BlockID: Pso_127  BlockID: Pso_128  BlockID: Pso_129  BlockID: Pso_13  BlockID: Pso_130  BlockID: Pso_131  BlockID: Pso_131	Present  Present  Dissimilar families  Dissimilar families  Present  Gene missing	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST	Ps_141975  Ps_108703  Ps_131520  Ps_109654  Ps_143826  Ps_134650  Ps_134656  Ps_132699  Ps_135329  Ps_141895  Ps_142215  Ps_129903  Ps_144897	Family356  Family223 Family289  Family2789 Family2027  Family7531 Family1602  Family1076 Family1076 Family853 Family206  Family8702 No families	Ps_133444 Ps_131521  Ps_144596 Ps_143827  Ps_134651 Ps_157017  Ps_156551 Ps_135330  Ps_141896 Ps_158491  Ps_129904 Ps_144898	Family289 Family223 Family2027 Family2789 Family548 Family548 Family6175 Family1069 Family206 Family853 No families Family31943
BlockID: Pso_127  BlockID: Pso_128  BlockID: Pso_129  BlockID: Pso_13  BlockID: Pso_130  BlockID: Pso_131	Present  Present  Dissimilar families  Dissimilar families  Present  Gene missing	Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS	Ps_141975  Ps_108703  Ps_131520  Ps_131520  Ps_143826  Ps_134650  Ps_134656  Ps_132699  Ps_135329  Ps_141895  Ps_142215  Ps_129903	Family356  Family223 Family289  Family2789 Family2027  Family7531 Family1602  Family1076 Family1076 Family206  Family853 Family206	Ps_133444 Ps_131521  Ps_144596 Ps_143827  Ps_134651 Ps_157017  Ps_156551 Ps_135330  Ps_141896 Ps_158491  Ps_129904	Family289 Family223 Family2027 Family2789 Family548 Family548 Family6175 Family1069 Family206 Family853

		Block DOES NOT EXIST	Ps_136669	Family2043	Ps_136670	No families
		Block DOES NOT EXIST	Ps_143954	No families	Ps_143955	Family2043
BlockID: Pso_134	Dissimilar families					
		Block DOES NOT EXIST	Ps_127638	Family31355	Ps_127639	Family4845
		Block DOES NOT EXIST	Ps_131325	Family4845	Ps_131326	Family31474
BlockID: Pso_135	Present					
		Block EXISTS	Ps_142760	Family41	Ps_142761	Family3118
DI LIE D. 151	D	Block EXISTS	Ps_143984	Family41	Ps_143986	Family3118
BlockID: Pso_136	Dissimilar families	DI- II DOEG NOT TYPE	D- 400000	F " 0000	D- 400001	N1- 6- 92
		Block DOES NOT EXIST	Ps_108330	Family8622	Ps_129021	No families
DicaldD: De : 407	Diocimilar fara War	Block DOES NOT EXIST	Ps_111565	Family303	Ps_129035	Family539
BlockID: Pso_137	Dissimilar families	Disal DOEC NOT EVICE	D- 420002	F:1::000	D- 420004	Familio 0
		Block DOES NOT EXIST	Ps_139693	Family802	Ps_139694	Family9
PlackID: Dog. 129	Drocont	Block DOES NOT EXIST	Ps_139696	Family802	Ps_139699	Family10573
BlockID: Pso_138	Present	Block EXISTS	Ps_127493	Eamily222	Ps_127495	Family117
		Block EXISTS	Ps_127493 Ps_134513	Family222 Family222	Ps_127495 Ps_134517	Family117
		Block EXISTS	Ps_134513 Ps_137742	Family222	Ps_134517 Ps_137744	Family117
		Block DOES NOT EXIST	Ps_137742 Ps_138989	Family222	Ps_137744 Ps_138990	Family386
		Block DOES NOT EXIST	Ps_130909 Ps_141779	Family117	Ps_130990 Ps_141780	Family1113
		Block EXISTS	Ps_141779 Ps_143247	Family222	Ps_143250	Family117
BlockID: Pso_139	Present	DIOOR EXIOTO	. 0_1-02-71	. Girmy222	. 5_170200	. anny 117
2.30(12.1 00_100		Block EXISTS	Ps_130788	Family21	Ps_130789	Family95
		Block EXISTS	Ps_130803	Family21	Ps_130804	Family95
BlockID: Pso_14	Dissimilar families					,
		Block DOES NOT EXIST	Ps_136988	Family75	Ps_136989	Family274
		Block DOES NOT EXIST	Ps_144704	Family1977	Ps_144705	Family274
BlockID: Pso_140	Present (diff. copies)	·	<del>_</del>	· · · · · · · · · · · · · · · · · · ·		•
_	. , ,	Block EXISTS	Ps_137950	Family4618	Ps_137951	Family715
		Block DOES NOT EXIST	Ps_142882	Family17890	Ps_142883	Family4618
BlockID: Pso_141	Dissimilar families					
		Block DOES NOT EXIST	Ps_143904	Family136	Ps_143905	Family8812
		Block DOES NOT EXIST	Ps_143906	Family467	Ps_143907	Family136
BlockID: Pso_142	Present					
		Block DOES NOT EXIST	Ps_127138	Family25552	Ps_127139	Family64
		Block EXISTS	Ps_127475	Family656	Ps_127476	Family64
		Block DOES NOT EXIST	Ps_128092	No families	Ps_128093	Family64
		Block EXISTS	Ps_128849	Family967	Ps_128850	Family64
		Block EXISTS	Ps_129016	Family967	Ps_129017	Family64
		Block EXISTS	Ps_130532	Family967	Ps_130533	Family64
		Block EXISTS	Ps_130742	Family656	Ps_130743	Family635
		Block DOES NOT EXIST	Ps_130839	Family64	Ps_130840	No families
		Block DOES NOT EXIST	Ps_131751	No families	Ps_131752	Family64
		Block EXISTS	Ps_131894	Family067	Ps_131895	Family10731
		Block EXISTS	Ps_132216	Family967	Ps_132217	Family64
		Block EXISTS Block EXISTS	Ps_132879 Ps_133101	Family64 Family64	Ps_132880 Ps_133102	Family967 Family967
		Block DOES NOT EXIST	Ps_133101 Ps_133103	Family64	Ps_133102 Ps_133104	No families
		Block EXISTS	Ps_133843	Family656	Ps_133844	Family64
		Block EXISTS	Ps_135092	Family656	Ps_135093	Family635
		Block EXISTS	Ps_136516	Family490	Ps_136517	Family64
		Block EXISTS	Ps_137183	Family64	Ps_137184	Family656
		Block EXISTS	Ps_138149	Family64	Ps_138150	Family10731
		Block EXISTS	Ps_138535	Family967	Ps_138536	Family64
		Block EXISTS	Ps_138837	Family64	Ps_138838	Family967
		Block DOES NOT EXIST	Ps_138951	No families	Ps_138952	Family31725
		Block EXISTS	Ps_139062	Family64	Ps_139063	Family10731
		Block EXISTS	Ps_141970	Family656	Ps_141971	Family64
		Block EXISTS	Ps_143844	Family656	Ps_143845	Family635
		Block DOES NOT EXIST	Ps_144187	No families	Ps_144188	Family64

BlockID: Pso_143	Present					
<u> </u>	11000111	Block EXISTS	Ps_120228	Family740	Ps_139405	Family228
		Block EXISTS	Ps_136457	Family740	Ps_136458	Family228
		Block EXISTS	Ps_139400	Family740	Ps_139401	Family228
BlockID: Pso_144	Gene missing			•		-
		Block DOES NOT EXIST	Ps_132590	No families	Ps_132591	Family84
		Block DOES NOT EXIST	Ps_141876	Family84	Ps_141877	No families
BlockID: Pso_145	Present			-		
		Block EXISTS	Ps_135764	Family1012	Ps_135765	Family10064
		Block EXISTS	Ps_158968	Family10064	Ps_158969	Family1012
BlockID: Pso_146	Present					
		Block DOES NOT EXIST	Ps_137147	Family698	Ps_137148	Family4710
		Block EXISTS	Ps_138905	Family14439	Ps_138906	Family698
		Block EXISTS	Ps_141430	Family698	Ps_141431	Family6914
		Block EXISTS	Ps_141433	Family698	Ps_141434	Family14439
		Block EXISTS	Ps_143762	Family698	Ps_143763	Family6914
BlockID: Pso_147	Present					
		Block EXISTS	Ps_135217	Family581	Ps_135218	Family8521
		Block EXISTS	Ps_135219	Family581	Ps_135220	Family8521
BlockID: Pso_148	Gene missing					
		Block DOES NOT EXIST	Ps_132038	Family553	Ps_132039	No families
		Block DOES NOT EXIST	Ps_134401	Family31572	Ps_134402	No families
BlockID: Pso_149	Present					
		Block EXISTS	Ps_127831	Family8457	Ps_127832	Family1079
		Block EXISTS	Ps_138463	Family1079	Ps_138464	Family8457
BlockID: Pso_15	Dissimilar families					
		Block DOES NOT EXIST	Ps_132225	Family673	Ps_132226	Family31501
		Block DOES NOT EXIST	Ps_132227	Family52	Ps_132228	Family8816
		Block DOES NOT EXIST	Ps_140272	Family673	Ps_140273	Family8816
BlockID: Pso_150	Present					
		Block EXISTS	Ps_129395	Family827	Ps_129396	Family1974
Dissision Description	Description	Block EXISTS	Ps_140570	Family1974	Ps_140571	Family827
BlockID: Pso_151	Present	Disal, EVICTO	D- 404007	F:1505	D- 404000	F:1: :4070
		Block EXISTS Block EXISTS	Ps_131237 Ps_133241	Family585	Ps_131238 Ps_133243	Family1078
			_	Family1078		Family585
BlockID: Pso_152	Discimilar families	Block DOES NOT EXIST	Ps_143134	Family585	Ps_158705	Family8391
DIOCKID. PS0_152	Dissimilar families	Plack DOES NOT EVIST	Dc 100644	Family7	Do 144505	Family1011
		Block DOES NOT EXIST Block DOES NOT EXIST	Ps_109644 Ps_139316	Family7 Family676	Ps_144505 Ps_139317	Family1911 Family7
BlockID: Pso_153	Dissimilar families	BIOCK DOES NOT EXIST	FS_139310	r anniyo70	F8_13931 <i>1</i>	r anniny r
DIOCKID. 1 30_133	Dissimilar families	Block DOES NOT EXIST	Ps 140053	Family29433	Ps_140054	Family6189
		Block DOES NOT EXIST	Ps_140056	Family6189	Ps_140057	Family1401
BlockID: Pso_154	Dissimilar families	SIGN DOLO HOT EXIGI	. 0_140000		. 5_140001	1 Girmy 1-70 I
		Block DOES NOT EXIST	Ps_140693	Family733	Ps_140694	Family53
		Block DOES NOT EXIST	Ps_140708	Family606	Ps 140709	Family733
BlockID: Pso_155	Gene missing			,		,
23220_100	9	Block DOES NOT EXIST	Ps_137295	No families	Ps 137296	Family12511
		Block DOES NOT EXIST	Ps 137297	Family12511	Ps_137298	No families
BlockID: Pso_156	Gene missing		<u> </u>	, · ·		
	<b>J</b>	Block DOES NOT EXIST	Ps_138537	Family74	Ps_138538	Family18843
		Block DOES NOT EXIST	Ps_138542	No families	Ps_138543	Family74
BlockID: Pso_157	Gene missing					· · · · · · · · · · · · · · · · · · ·
<del>-</del>	<u>_</u>	Block DOES NOT EXIST	Ps_138682	Family6191	Ps_138683	No families
				-	<del>-</del>	Family6191
		Block DOES NOT EXIST	Ps_143546	No families	Ps_143547	i anning o i o i
BlockID: Pso_158	Dissimilar families	Block DOES NOT EXIST	Ps_143546	No families	Ps_143547	1 dimiyo to t
BlockID: Pso_158	Dissimilar families	Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_143546 Ps_128390	Family84	Ps_143547 Ps_128392	Family10764
BlockID: Pso_158	Dissimilar families		<del>-</del>		_	•
_	Dissimilar families  Present	Block DOES NOT EXIST	Ps_128390	Family84	Ps_128392	Family10764
BlockID: Pso_158  BlockID: Pso_159		Block DOES NOT EXIST	Ps_128390	Family84	Ps_128392	Family10764

BlockID: Pso_16	Present (diff. copies)	DI 1 51/1070				
		Block EXISTS	Ps_109619	Family250	Ps_144173	Family52
DisakiDi Dasi 160	Drocont	Block DOES NOT EXIST	Ps_124664	Family673	Ps_144176	Family250
BlockID: Pso_160	Present	Digal EVICTO	Do 109225	Family112	Do 120050	Family 9.4
		Block EXISTS Block EXISTS	Ps_108235 Ps_108238	Family112 Family112	Ps_128058 Ps_128066	Family84 Family84
BlockID: Pso_161	Gene missing	DIUCK EXISTS	PS_100230	Faililly 112	FS_126000	Fallilly04
DIOCKID. 1 30_101	Gene missing	Block DOES NOT EXIST	Ps_138109	No families	Ps_138110	Family84
		Block DOES NOT EXIST	Ps_141516	Family84	Ps_141517	Family11386
BlockID: Pso 162	Dissimilar families	BIOGR BOLO NOT EXIOT	10_111010	1 dilinyo i	10_111011	r arring r root
BIOGRID: 1 00_102	Biodiffia farmino	Block DOES NOT EXIST	Ps_131174	Family165	Ps_131175	Family6892
		Block DOES NOT EXIST	Ps 131176	Family755	Ps_131177	Family165
BlockID: Pso_163	Present					,
		Block DOES NOT EXIST	Ps_140284	No families	Ps_140285	Family654
		Block EXISTS	Ps_141659	Family654	Ps_141660	Family7
		Block EXISTS	Ps_141663	Family7	Ps_141664	Family654
BlockID: Pso_164	Present		_	•	_	·
		Block EXISTS	Ps_133852	Family9364	Ps_133853	Family165
		Block EXISTS	Ps_133855	Family9364	Ps_133856	Family165
BlockID: Pso_165	Present (diff. copies)					
		Block EXISTS	Ps_132224	Family12503	Ps_132225	Family673
		Block DOES NOT EXIST	Ps_140270	Family52	Ps_140271	Family12503
BlockID: Pso_166	Gene missing					
		Block DOES NOT EXIST	Ps_130561	No families	Ps_130562	No families
		Block DOES NOT EXIST	Ps_132904	Family244	Ps_132905	No families
		Block DOES NOT EXIST	Ps_140484	Family1267	Ps_140485	No families
BlockID: Pso_167	Gene missing					
		Block DOES NOT EXIST	Ps_140619	Family244	Ps_140620	No families
		Block DOES NOT EXIST	Ps_142158	No families	Ps_142159	No families
BlockID: Pso_168	Present					
		Block EXISTS	Ps_139989	Family1036	Ps_139990	Family239
		Block EXISTS	Ps_140001	Family239	Ps_140002	Family1036
BlockID: Pso_169	Dissimilar families					
		Block EXISTS	Ps_130470	Family1404	Ps_130471	Family1136
		Block DOES NOT EXIST	Ps_132072	Family1136	Ps_132073	Family15610
BlockID: Pso_17	Present (diff. copies)					
		Block DOES NOT EXIST	Ps_134036	Family11969	Ps_134038	Family12299
		Block EXISTS	Ps_141027	Family14023	Ps_141028	Family12299
BlockID: Pso_170	Dissimilar families					
		Block DOES NOT EXIST	Ps_109283	Family13853	Ps_140348	Family1252
5		Block DOES NOT EXIST	Ps_140345	Family1252	Ps_140346	Family154
BlockID: Pso_171	Present	DI I EVIOTO	D 101000	E " 170	D 404040	E ". 1100
		Block EXISTS	Ps_131939	Family170	Ps_131940	Family1138
DisabilDi Das 170	One mission	Block EXISTS	Ps_141758	Family1138	Ps_141759	Family170
BlockID: Pso_172	Gene missing	Disal DOCC NOT EVICE	D- 442004	Family C44	D- 420504	Family 07
		Block DOES NOT EXIST	Ps_113004	Family641	Ps_130564	Family27
PlackID: Doc. 172	Procont	Block DOES NOT EXIST	Ps_130565	No families	Ps_130566	Family27
BlockID: Pso_173	Present	Diagle EVICES	Do 120200	Family 1F	Do 120200	Family 11600
		Block EXISTS	Ps_138389	Family15	Ps_138390	Family11608
BlockID: Dec. 174	Present	Block EXISTS	Ps_139420	Family15	Ps_139421	Family11608
BlockID: Pso_174	1 1030111	Block EYISTS	De 122505	Family66	De 122506	Family120
		Block EXISTS Block EXISTS	Ps_132585 Ps_132595	Family66	Ps_132586 Ps_132597	Family129 Family129
BlockID: Pso_175	Present (diff. copies)	PIOCK EXIOTO	1 3_132383	i anniyoo	1 3_132381	i anny 128
DIOCKID. F30_1/3	r resent (uiii. copies)	Block DOES NOT EXIST	Ps_128824	Family1066	Ps_128825	No families
		Block DOES NOT EXIST	Ps_120024 Ps_131290	Family1066	Ps_120025 Ps_131291	No families
		Block EXISTS	Ps_131290 Ps_143952	Family233	Ps_131291 Ps_143953	Family1066
		Block DOES NOT EXIST	Ps_143952 Ps_144194	Family233 Family1066	Ps_143953 Ps_144195	No families
BlockID: Pso_176	Present	PIOCE DOES NOT EXIST	1 3_144 184	i anniy 1000	1 3_144 180	INO IAITIIIIES
PIOCKID. F30_1/0	ı icəciil	Block EXISTS	Ps_108381	Family513	Ps_129396	Family1974
_		DIOUN EXIOTO	7 3_100301	i anniyo io	1 3_123330	r anning 1974

		Block EXISTS	Ps_140569	Family513	Ps_140570	Family1974
BlockID: Pso_177	Dissimilar families	Block DOES NOT EXIST	Ps 139001	Family755	Ps_139002	Family6734
		Block DOES NOT EXIST	Ps 139006	Family446	Ps_139007	Family1679
BlockID: Pso 178	Present	BIOGR BOLO NOT EXIOT	1 3_100000	1 dillily 1-10	1 3_100007	1 diffiny 1070
BIOGRID: 1 30_170	ricociii	Block EXISTS	Ps 108239	Family112	Ps_110682	Family14658
		Block EXISTS	Ps_110691	Family112	Ps_128075	Family14658
		Block EXISTS	Ps_110709	Family112	Ps_110713	Family14658
BlockID: Pso_179	Dissimilar families	Blook Extore	1 0_110700	1 4111119 1 12	1 0_110710	r army r rooc
	2.00	Block DOES NOT EXIST	Ps 138566	Family11647	Ps 138567	Family33
		Block DOES NOT EXIST	Ps_138568	Family33	Ps_138569	Family7958
BlockID: Pso_18	Present	2.001.20201.012.101		,	. 000000	,
2.00211.000		Block EXISTS	Ps 109553	Family2286	Ps 143353	Family18837
		Block EXISTS	Ps 118708	Family2286	Ps_137510	Family18837
BlockID: Pso_180	Present			,		
		Block EXISTS	Ps_108627	Family559	Ps_132443	Family2114
		Block EXISTS	Ps_109504	Family559	Ps_142727	Family2114
BlockID: Pso_181	Present			,,,,,,		
	<u> </u>	Block EXISTS	Ps_108581	Family1412	Ps_131700	Family524
		Block EXISTS	Ps_108582	Family1412	Ps_131702	Family524
BlockID: Pso_182	Present			,		<i>j</i>
	<del>-</del>	Block EXISTS	Ps_110348	Family18759	Ps_110356	Family14657
		Block EXISTS	Ps_125450	Family14657	Ps_125453	Family18759
BlockID: Pso_183	Present		_	,	_	,
<del>-</del>		Block EXISTS	Ps_130852	Family724	Ps_130853	Family725
		Block EXISTS	Ps_139082	Family724	Ps_139083	Family725
		Block EXISTS	Ps_141060	Family724	Ps_141061	Family725
BlockID: Pso_184	Present			-	_	-
		Block EXISTS	Ps_140630	Family1913	Ps_140631	Family1912
		Block EXISTS	Ps_143477	Family1913	Ps_143478	Family1912
BlockID: Pso_185	Gene missing					
		Block DOES NOT EXIST	Ps_134316	Family16579	Ps_134318	No families
		Block DOES NOT EXIST	Ps_134321	Family10638	Ps_134322	Family16579
BlockID: Pso_186	Present					
		Block EXISTS	Ps_134611	Family6390	Ps_134612	Family53
		Block EXISTS	Ps_139430	Family6390	Ps_139431	Family53
		DIOCK EXISTS				,
BlockID: Pso_187	Present	BIOCK EXISTS				
BlockID: Pso_187	Present	Block EXISTS	Ps_128347	Family901	Ps_128348	Family2614
BlockID: Pso_187	Present		Ps_128347 Ps_143533		Ps_128348 Ps_143534	-
BlockID: Pso_187	Present	Block EXISTS		Family901	_	Family2614
	Present	Block EXISTS Block EXISTS	Ps_143533	Family901 Family2614 Family2614	Ps_143534	Family2614 Family901
_		Block EXISTS Block EXISTS Block DOES NOT EXIST Block EXISTS	Ps_143533 Ps_143818 Ps_132454	Family901 Family2614 Family2614 Family982	Ps_143534 Ps_143819 Ps_132455	Family2614 Family901 Family233 Family1198
BlockID: Pso_188		Block EXISTS Block EXISTS Block DOES NOT EXIST	Ps_143533 Ps_143818	Family901 Family2614 Family2614	Ps_143534 Ps_143819	Family2614 Family901 Family233
BlockID: Pso_188		Block EXISTS Block EXISTS Block DOES NOT EXIST Block EXISTS	Ps_143533 Ps_143818 Ps_132454 Ps_132458	Family901 Family2614 Family2614 Family982 Family982	Ps_143534 Ps_143819 Ps_132455 Ps_132459	Family2614 Family901 Family233 Family1198 Family1739
BlockID: Pso_188	Present	Block EXISTS Block DOES NOT EXIST Block EXISTS Block EXISTS Block EXISTS Block EXISTS	Ps_143533 Ps_143818 Ps_132454 Ps_132458 Ps_130879	Family901 Family2614 Family2614 Family982 Family982 Family10504	Ps_143534 Ps_143819 Ps_132455 Ps_132459 Ps_130880	Family2614 Family901 Family233 Family1198 Family1739 Family11042
BlockID: Pso_188	Present	Block EXISTS Block DOES NOT EXIST  Block EXISTS Block EXISTS Block EXISTS  Block EXISTS  Block EXISTS	Ps_143533 Ps_143818 Ps_132454 Ps_132458 Ps_130879 Ps_130940	Family901 Family2614 Family2614 Family982 Family982	Ps_143534 Ps_143819 Ps_132455 Ps_132459 Ps_130880 Ps_130941	Family2614 Family901 Family233 Family1198 Family1739 Family11042 Family11042
BlockID: Pso_188	Present	Block EXISTS Block DOES NOT EXIST Block EXISTS Block EXISTS Block EXISTS Block EXISTS	Ps_143533 Ps_143818 Ps_132454 Ps_132458 Ps_130879	Family901 Family2614 Family2614 Family982 Family982 Family10504	Ps_143534 Ps_143819 Ps_132455 Ps_132459 Ps_130880	Family2614 Family901 Family233 Family1198 Family1739 Family11042
BlockID: Pso_188 BlockID: Pso_189	Present	Block EXISTS Block DOES NOT EXIST  Block EXISTS Block EXISTS Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	Ps_143533 Ps_143818 Ps_132454 Ps_132458 Ps_130879 Ps_130940	Family901 Family2614 Family2614 Family982 Family982 Family10504 Family10504	Ps_143534 Ps_143819 Ps_132455 Ps_132459 Ps_130880 Ps_130941	Family2614 Family901 Family233 Family1198 Family1739 Family11042 Family11042 Family10504
BlockID: Pso_188 BlockID: Pso_189	Present  Present	Block EXISTS Block DOES NOT EXIST  Block EXISTS Block EXISTS Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	Ps_143533 Ps_143818 Ps_132454 Ps_132458 Ps_130879 Ps_130940 Ps_138598 Ps_109178	Family901 Family2614 Family2614 Family982 Family982 Family10504 Family10504 Family11042 Family107	Ps_143534 Ps_143819 Ps_132455 Ps_132459 Ps_130880 Ps_130941 Ps_138599 Ps_138872	Family2614 Family901 Family233 Family1198 Family1739 Family11042 Family11042 Family10504 Family39
BlockID: Pso_188  BlockID: Pso_189  BlockID: Pso_19	Present  Present  Present	Block EXISTS Block DOES NOT EXIST  Block EXISTS Block EXISTS Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	Ps_143533 Ps_143818 Ps_132454 Ps_132458 Ps_130879 Ps_130940 Ps_138598	Family901 Family2614 Family2614 Family982 Family982 Family10504 Family10504 Family11042	Ps_143534 Ps_143819 Ps_132455 Ps_132459 Ps_130880 Ps_130941 Ps_138599	Family2614 Family901 Family233 Family1198 Family1739 Family11042 Family11042 Family10504
BlockID: Pso_188  BlockID: Pso_189  BlockID: Pso_19	Present  Present	Block EXISTS Block DOES NOT EXIST  Block EXISTS	Ps_143533 Ps_143818  Ps_132454 Ps_132458  Ps_130879 Ps_130940 Ps_138598  Ps_109178 Ps_138876	Family901 Family2614 Family2614 Family982 Family982 Family10504 Family10504 Family11042 Family107	Ps_143534 Ps_143819 Ps_132455 Ps_132459 Ps_130880 Ps_130941 Ps_138599 Ps_138872 Ps_138877	Family2614 Family901 Family233 Family1198 Family1739 Family11042 Family11042 Family10504 Family39 Family39
BlockID: Pso_188  BlockID: Pso_189  BlockID: Pso_19	Present  Present  Present	Block EXISTS Block DOES NOT EXIST  Block EXISTS Block EXISTS Block EXISTS  Block EXISTS Block EXISTS Block EXISTS  Block EXISTS Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	Ps_143533 Ps_143818 Ps_143818 Ps_132454 Ps_132458 Ps_130879 Ps_130940 Ps_138598 Ps_109178 Ps_138876 Ps_141354	Family901 Family2614 Family2614 Family982 Family982 Family10504 Family11042 Family107 Family107	Ps_143534 Ps_143819 Ps_132455 Ps_132459 Ps_130880 Ps_130941 Ps_138599 Ps_138872 Ps_138877 Ps_141355	Family2614 Family901 Family233 Family1198 Family1739 Family11042 Family11042 Family10504 Family39 Family39 Family39
BlockID: Pso_188  BlockID: Pso_189  BlockID: Pso_19  BlockID: Pso_190	Present  Present  Present  Dissimilar families	Block EXISTS Block DOES NOT EXIST  Block EXISTS	Ps_143533 Ps_143818  Ps_132454 Ps_132458  Ps_130879 Ps_130940 Ps_138598  Ps_109178 Ps_138876	Family901 Family2614 Family2614 Family982 Family982 Family10504 Family10504 Family11042 Family107	Ps_143534 Ps_143819 Ps_132455 Ps_132459 Ps_130880 Ps_130941 Ps_138599 Ps_138872 Ps_138877	Family2614 Family901 Family233 Family1198 Family1739 Family11042 Family11042 Family10504 Family39 Family39
BlockID: Pso_188  BlockID: Pso_189  BlockID: Pso_19  BlockID: Pso_190	Present  Present  Present	Block EXISTS Block DOES NOT EXIST  Block EXISTS Block EXISTS Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_143533 Ps_143818 Ps_143818 Ps_132454 Ps_132458 Ps_130940 Ps_138598 Ps_109178 Ps_138876 Ps_141354 Ps_141391	Family901 Family2614 Family2614 Family982 Family982 Family10504 Family10504 Family107 Family107 Family107	Ps_143534 Ps_143819  Ps_132455 Ps_132459  Ps_130880 Ps_130941 Ps_138599  Ps_138872 Ps_138877  Ps_141355 Ps_141392	Family2614 Family901 Family233 Family1198 Family1739 Family11042 Family11042 Family10504 Family39 Family39 Family39 Family39 Family39
BlockID: Pso_188  BlockID: Pso_189  BlockID: Pso_19  BlockID: Pso_190	Present  Present  Present  Dissimilar families	Block EXISTS Block DOES NOT EXIST  Block EXISTS Block EXISTS Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_143533 Ps_143818 Ps_143818 Ps_132454 Ps_132458 Ps_130879 Ps_130940 Ps_138598 Ps_109178 Ps_138876 Ps_141354 Ps_141391 Ps_109431	Family901 Family2614 Family2614 Family2614 Family982 Family982 Family10504 Family10504 Family1107 Family11709 Family9802 Family9802	Ps_143534 Ps_143819 Ps_132455 Ps_132459 Ps_130880 Ps_130941 Ps_138599 Ps_138872 Ps_138877 Ps_141355 Ps_141392 Ps_141905	Family2614 Family901 Family233 Family1198 Family1739 Family11042 Family11042 Family10504 Family39 Family39 Family39 Family39 Family39 Family39 Family39 Family39
BlockID: Pso_188  BlockID: Pso_189  BlockID: Pso_19  BlockID: Pso_190  BlockID: Pso_191	Present  Present  Present  Dissimilar families  Dissimilar families	Block EXISTS Block DOES NOT EXIST  Block EXISTS Block EXISTS Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_143533 Ps_143818 Ps_143818 Ps_132454 Ps_132458 Ps_130940 Ps_138598 Ps_109178 Ps_138876 Ps_141354 Ps_141391	Family901 Family2614 Family2614 Family982 Family982 Family10504 Family10504 Family107 Family107 Family107	Ps_143534 Ps_143819  Ps_132455 Ps_132459  Ps_130880 Ps_130941 Ps_138599  Ps_138872 Ps_138877  Ps_141355 Ps_141392	Family2614 Family901 Family233 Family1198 Family1739 Family11042 Family11042 Family10504 Family39 Family39 Family39 Family39 Family39
BlockID: Pso_188  BlockID: Pso_189  BlockID: Pso_19  BlockID: Pso_190  BlockID: Pso_191	Present  Present  Present  Dissimilar families  Dissimilar families	Block EXISTS Block DOES NOT EXIST  Block EXISTS Block EXISTS Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_143533 Ps_143818 Ps_143818 Ps_132454 Ps_132458 Ps_130879 Ps_130940 Ps_138598 Ps_138598 Ps_141354 Ps_141391 Ps_109431 Ps_109432	Family901 Family2614 Family2614 Family2614 Family982 Family982 Family10504 Family10504 Family1107 Family107 Family11709 Family9802 Family1130 Family1130	Ps_143534 Ps_143819  Ps_132455 Ps_132459  Ps_130880 Ps_130941 Ps_138599  Ps_138872 Ps_138877  Ps_141355 Ps_141392  Ps_141905 Ps_141912	Family2614 Family901 Family233  Family1198 Family1739  Family11042 Family10504  Family39 Family39 Family39 Family295 Family7295 Family2
BlockID: Pso_187  BlockID: Pso_188  BlockID: Pso_189  BlockID: Pso_190  BlockID: Pso_191  BlockID: Pso_191	Present  Present  Present  Dissimilar families  Dissimilar families	Block EXISTS Block DOES NOT EXIST  Block EXISTS Block EXISTS Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_143533 Ps_143818 Ps_143818 Ps_132454 Ps_132458 Ps_130879 Ps_130940 Ps_138598 Ps_109178 Ps_138876 Ps_141354 Ps_141391 Ps_109431	Family901 Family2614 Family2614 Family2614 Family982 Family982 Family10504 Family10504 Family1107 Family11709 Family9802 Family9802	Ps_143534 Ps_143819 Ps_132455 Ps_132459 Ps_130880 Ps_130941 Ps_138599 Ps_138872 Ps_138877 Ps_141355 Ps_141392 Ps_141905	Family2614 Family901 Family233  Family1198 Family1739  Family11042 Family11042 Family10504  Family39 Family39 Family39 Family39 Family39 Family39 Family39 Family39

		Block EXISTS	Ps_128204	Family9390	Ps_128205	Family2
		Block EXISTS	Ps_141912	Family2	Ps_141913	Family9390
BlockID: Pso_194	Present					
		Block EXISTS	Ps_109578	Family7	Ps_143680	Family2
		Block EXISTS	Ps_138853	Family7	Ps_138854	Family2
BlockID: Pso_195	Present					
		Block EXISTS	Ps_131096	Family2	Ps_131097	Family8
		Block EXISTS	Ps_131109	Family2	Ps_131110	Family8
BlockID: Pso_196	Present					
		Block EXISTS	Ps_135757	Family86	Ps_135758	Family2
		Block EXISTS	Ps_136289	Family2	Ps_136290	Family86
BlockID: Pso_197	Dissimilar families					
		Block DOES NOT EXIST	Ps_130151	Family12299	Ps_130153	Family554
		Block DOES NOT EXIST	Ps_130694	Family12379	Ps_130696	Family554
BlockID: Pso_198	Present					
		Block EXISTS	Ps_134986	Family1703	Ps_134987	Family8498
		Block EXISTS	Ps_138978	Family1703	Ps_138979	Family8498
		Block DOES NOT EXIST	Ps_143192	Family6650	Ps_143193	Family1703
BlockID: Pso_199	Dissimilar families					
		Block DOES NOT EXIST	Ps_135908	Family103	Ps_135909	Family17145
		Block DOES NOT EXIST	Ps_135910	Family237	Ps_135911	Family103
BlockID: Pso_2	Present (diff. copies)					
		Block DOES NOT EXIST	Ps_138399	Family31705	Ps_138400	Family18841
		Block EXISTS	Ps_142341	Family18841	Ps_142342	Family310
BlockID: Pso_20	Present					
		Block EXISTS	Ps_131970	Family58	Ps_131972	Family432
		Block EXISTS	Ps_141435	Family58	Ps_141436	Family432
BlockID: Pso_200	Gene missing					
		Block DOES NOT EXIST	Ps_139109	Family268	Ps_139110	No families
		Block DOES NOT EXIST	Ps_139112	Family268	Ps_139113	Family638
BlockID: Pso_201	Present					
		Block EXISTS	Ps_123918	Family350	Ps_143557	Family11735
		Block EXISTS	Ps_123922	Family350	Ps_143565	Family86
		Block EXISTS	Ps_143738	Family86	Ps_143739	Family350
BlockID: Pso_202	Present					
		Block EXISTS	Ps_128616	Family1018	Ps_128617	Family4456
		Block EXISTS	Ps_128618	Family4456	Ps_128619	Family1018
BlockID: Pso_203	Present					
		Block EXISTS	Ps_132294	Family2620	Ps_132295	Family7935
		Block EXISTS	Ps_132297	Family7935	Ps_132298	Family2620
BlockID: Pso_204	Present					
		Block DOES NOT EXIST	Ps_119018	Family18562	Ps_138040	Family11020
		Block DOES NOT EXIST	Ps_137148	Family4710	Ps_137149	Family10419
		Block EXISTS	Ps_138900	Family4710	Ps_138901	Family58
		Block DOES NOT EXIST	Ps_141434	Family14439	Ps_141435	Family58
		Block DOES NOT EXIST	Ps_141989	Family8089	Ps_141990	Family58
		Block EXISTS	Ps_143089	Family58	Ps_143090	Family4710
		Block DOES NOT EXIST	Ps_143763	Family6914	Ps_143764	Family10419
		Block EXISTS	Ps_144851	Family4710	Ps_144852	Family58
BlockID: Pso_205	Dissimilar families					
		Block DOES NOT EXIST	Ps_113434	Family16502	Ps_131018	Family389
		Block DOES NOT EXIST	Ps_113435	Family604	Ps_131020	Family389
BlockID: Pso_206	Present					
		Block EXISTS	Ps_108581	Family1412	Ps_131698	Family139
		Block EXISTS	Ps_108582	Family1412	Ps_131704	Family139
		Block EXISTS	Ps_131739	Family139	Ps_156352	Family1412
		·		·		
BlockID: Pso_207	Dissimilar families					
BlockID: Pso_207	Dissimilar families	Block DOES NOT EXIST	Ps_133969	Family16874	Ps_133970	Family20521
BlockID: Pso_207	Dissimilar families	Block DOES NOT EXIST Block DOES NOT EXIST	Ps_133969 Ps_133979	Family16874 Family503	Ps_133970 Ps_133980	Family20521 Family3027

		Block DOES NOT EXIST	Ps_135081	Family2529	Ps_135082	Family3483
		Block DOES NOT EXIST	Ps_139165	Family3483	Ps_139166	Family31732
BlockID: Pso_22	Dissimilar families					
		Block DOES NOT EXIST	Ps_129688	Family17195	Ps_129689	Family8470
		Block DOES NOT EXIST	Ps_141675	Family9515	Ps_141677	Family8470
BlockID: Pso_23	Dissimilar families					
		Block DOES NOT EXIST	Ps_134351	No families	Ps_134352	Family34
DI 11D D 04	<u> </u>	Block DOES NOT EXIST	Ps_139125	Family11386	Ps_157939	Family464
BlockID: Pso_24	Present	DI LEVIOTO	D 100001	F " 1000	D 457004	- " o-
		Block EXISTS	Ps_136381	Family1988	Ps_157394	Family37
Distribution Description	Danasat	Block EXISTS	Ps_136404	Family37	Ps_136405	Family1988
BlockID: Pso_25	Present	District EVICEO	D- 440040	F!h-0500	D- 440040	F:!005
		Block EXISTS	Ps_140818	Family2538	Ps_140819	Family385
DisabilD: Dec. 00	Descent	Block EXISTS	Ps_140820	Family385	Ps_140821	Family2538
BlockID: Pso_26	Present	Dia de EVICTO	D- 420222	Fam:it (200	D- 420224	Family 20
		Block EXISTS	Ps_139333	Family222	Ps_139334	Family36
Disability Dec. 07	Descent	Block EXISTS	Ps_139738	Family36	Ps_139739	Family222
BlockID: Pso_27	Present	Block EXISTS	Do 100470	Eamily 14650	Do 156125	Family128
		Block EXISTS  Block EXISTS	Ps_108478 Ps_108480	Family14656	Ps_156135 Ps_130428	Family128 Family14656
BlockID: Pso_28	Drecent	DIUUK ENISTS	F5_1U048U	Family128	F5_13U4Z8	raililly 14050
DIOCKID. F30_20	Present	Block EXISTS	Ps_130016	Family432	Ps_130017	Family320
		Block EXISTS	Ps_130016 Ps_131972	Family432	Ps_131973	Family320
		Block EXISTS	Ps_132113	Family1969	Ps_132114	Family320
		Block EXISTS	Ps_132495	Family432	Ps_132496	Family320
		Block EXISTS	Ps_133346	Family320	Ps_133347	Family432
		Block EXISTS	Ps_134070	Family320	Ps_134071	Family1969
		Block EXISTS	Ps_135500	Family432	Ps_135501	Family320
		Block EXISTS	Ps_136080	Family1969	Ps_136081	Family320
		Block EXISTS	Ps_139610	Family320	Ps_139611	Family432
		Block EXISTS	Ps_139946	Family432	Ps_139947	Family320
		Block EXISTS	Ps_143216	Family320	Ps_143217	Family1969
		Block EXISTS	Ps_143433	Family320	Ps_143434	Family1969
BlockID: Pso 29	Dissimilar families			,		
		Block DOES NOT EXIST	Ps_133560	Family821	Ps_133561	Family145
		Block DOES NOT EXIST	Ps 142665	Family145	Ps_142666	Family7099
BlockID: Pso_3	Present					
		Block EXISTS	Ps_136920	Family4	Ps_136921	Family78
		Block EXISTS	Ps 139213	Family78	Ps 139214	Family4
BlockID: Pso_30	Dissimilar families		<del>-</del>	•	<del>-</del>	
		Block DOES NOT EXIST	Ps_122221	Family4267	Ps_141688	Family13534
		Block DOES NOT EXIST	Ps_143702	Family11308	Ps_143703	Family4267
BlockID: Pso_31	Dissimilar families			-	•	
<del></del>		Block DOES NOT EXIST	Ps_133959	Family2773	Ps_133960	Family6732
		Block DOES NOT EXIST	Ps_133963	Family6732	Ps_133964	Family3450
BlockID: Pso_32	Present					
		Block EXISTS	Ps_132504	Family1736	Ps_132505	Family1718
		Block EXISTS	Ps_143883	Family1718	Ps_143884	Family1736
BlockID: Pso_33	Gene missing					
		Block DOES NOT EXIST	Ps_115405	No families	Ps_133479	Family222
		Block DOES NOT EXIST	Ps_119867	No families	Ps_138989	Family222
BlockID: Pso_34	Present		·			
		Block EXISTS	Ps_110348	Family18759	Ps_127734	Family7308
		Block EXISTS	Ps_125453	Family18759	Ps_144755	Family7308
BlockID: Pso_35	Dissimilar families					
		Block DOES NOT EXIST	Ps_132109	Family6	Ps_132110	Family18809
		Block DOES NOT EXIST	Ps_132123	Family11307	Ps_132126	Family2860
BlockID: Pso_36	Present					
		Block EXISTS	Ps_133777	Family6	Ps_133778	Family15
		Block EXISTS	Ps_134683	Family6	Ps_134684	Family15

BlockID: Pso_37	Gene missing					
		Block DOES NOT EXIST	Ps_128070	Family4596	Ps_128071	No families
		Block DOES NOT EXIST	Ps_132589	Family4596	Ps_132590	No families
DI 11D D 00		Block DOES NOT EXIST	Ps_141877	No families	Ps_141878	Family4596
BlockID: Pso_38	Present	Disali EVICTO	D- 420222	F===:ll.:2022	D- 420004	F: 0000
		Block EXISTS Block EXISTS	Ps_138223 Ps_138231	Family2822 Family6662	Ps_138224 Ps_138232	Family6662 Family2822
BlockID: Pso_39	Dissimilar families	DIOCK EXISTS	F5_130231	Family0002	FS_130232	Faiiiiy2022
DIOCKID. 1 30_33	Dissimilar families	Block DOES NOT EXIST	Ps_133796	Family594	Ps_133798	Family386
		Block DOES NOT EXIST	Ps 138990	Family386	Ps_138991	Family31727
BlockID: Pso_4	Dissimilar families	BIOOK BOLO NOT EXICT	1 0_100000	1 dillily 000	1 0_100001	1 diliiiyo 1727
	2.00	Block DOES NOT EXIST	Ps_131130	Family4	Ps_131131	Family5
		Block DOES NOT EXIST	Ps_137693	No families	Ps_137694	Family142
BlockID: Pso_40	Present					
		Block EXISTS	Ps_119902	Family7	Ps_139055	Family1405
		Block EXISTS	Ps_122984	Family7	Ps_142601	Family1405
BlockID: Pso_41	Present			•		·
		Block EXISTS	Ps_140249	Family17027	Ps_140250	Family475
		Block EXISTS	Ps_140260	Family475	Ps_140261	Family17027
BlockID: Pso_42	Dissimilar families					
		Block EXISTS	Ps_133575	Family12	Ps_133576	Family145
		Block DOES NOT EXIST	Ps_144266	Family12	Ps_144267	Family6718
BlockID: Pso_43	Gene missing					
		Block DOES NOT EXIST	Ps_131842	Family5769	Ps_131843	Family41
		Block DOES NOT EXIST	Ps_131848	Family41	Ps_131849	No families
BlockID: Pso_44	Dissimilar families					
		Block DOES NOT EXIST	Ps_134698	Family2955	Ps_134699	Family473
		Block DOES NOT EXIST	Ps_140157	Family38	Ps_140158	Family5769
BlockID: Pso_45	Dissimilar families					
		Block EXISTS	Ps_131020	Family389	Ps_131021	Family7
Distribution Description	Document	Block DOES NOT EXIST	Ps_131041	No families	Ps_131042	Family389
BlockID: Pso_46	Present	Diode EVICTO	Do 126207	Family 12000	Do 126200	Family 2727
		Block EXISTS	Ps_136207 Ps_136213	Family12009	Ps_136208 Ps_136214	Family2737
BlockID: Pso_47	Present	Block EXISTS	PS_130213	Family2737	PS_130214	Family12009
BIOCKID. FS0_47	FIESCIIL	Block EXISTS	Ps_108473	Family23	Ps_130365	Family399
		Block EXISTS	Ps_108475	Family23	Ps_130388	Family399
BlockID: Pso 48	Present	BIOCK EXIOTO	13_100473	1 diffily25	1 3_130300	1 anniyooo
BIOOKID: 1 00_40	1 TOOCHE	Block EXISTS	Ps_142235	Family6137	Ps_142236	Family9014
		Block EXISTS	Ps_142241	Family9014	Ps_142242	Family6137
BlockID: Pso_49	Present					
		Block EXISTS	Ps_141015	Family12747	Ps_141016	Family416
		Block EXISTS	Ps_143388	Family416	Ps_143389	Family12747
BlockID: Pso_5	Dissimilar families			•	_	•
_		Block DOES NOT EXIST	Ps_129902	Family204	Ps_129903	Family8702
		Block DOES NOT EXIST	Ps_144898	Family31943	Ps_144899	Family204
BlockID: Pso_50	Dissimilar families					
		Block DOES NOT EXIST	Ps_116205	Family138	Ps_134325	Family2445
		Block DOES NOT EXIST	Ps_134531	Family138	Ps_134532	Family5976
BlockID: Pso_51	Present					
<del></del>		Block EXISTS	Ps_127846	Family77	Ps_127847	Family53
		Block EXISTS	Ps_140694	Family53	Ps_140695	Family77
BlockID: Pso_52	Dissimilar families					
		Block DOES NOT EXIST	Ps_134617	Family606	Ps_134618	Family281
		Block DOES NOT EXIST	Ps_139431	Family53	Ps_139432	Family281
BlockID: Pso_53	Present					
		Block EXISTS	Ps_127842	Family53	Ps_127843	Family1465
DI 115 5 =		Block EXISTS	Ps_127847	Family53	Ps_127848	Family1465
BlockID: Pso_54	Present	Disab DOEG NOT EVECT	D- 400400	E	D- 400446	No feed?
		Block DOES NOT EXIST	Ps_129409	Family31415	Ps_129410	No families

		Block EXISTS	Ps_131043	Family10414	Ps_131044	Family6189
		Block EXISTS	Ps_133881	Family10414	Ps_133882	Family6189
		Block DOES NOT EXIST	Ps_135372	Family6189	Ps_135373	Family2946
		Block EXISTS	Ps_136153	Family10414	Ps_136154	Family6189
		Block DOES NOT EXIST	Ps_140054	Family6189	Ps_140055	No families
		Block DOES NOT EXIST	Ps_141701	Family6189	Ps_141702	No families
Distribution F. F.	Description	Block DOES NOT EXIST	Ps_141786	Family6189	Ps_141787	No families
BlockID: Pso_55	Present	DI I EVICTO	D 100010	- " of	D 100011	E " 0044
		Block EXISTS	Ps_132013	Family25	Ps_132014	Family6911
DI14D- D 50	Dischariford for allies	Block EXISTS	Ps_132044	Family25	Ps_132045	Family6911
BlockID: Pso_56	Dissimilar families	Disal DOEC NOT EVICE	D- 400005	F:1:-20	D- 420002	Family 2044
		Block DOES NOT EXIST	Ps_109225	Family29	Ps_139603	Family2241
Disability Dec. 57	Drocont	Block DOES NOT EXIST	Ps_139645	Family5234	Ps_139646	Family29
BlockID: Pso_57	Present	Block EXISTS	Ps 140778	Family610	Ps 140779	Family79
		Block EXISTS	Ps_140776 Ps_140782	Family79	Ps_140779 Ps_140783	Family/9
BlockID: Pso_58	Dissimilar families	DIUCK EXISTS	FS_140762	raililly/9	FS_140763	Familyoto
510CKID. FS0_56	Dissimilar families	Block DOES NOT EXIST	Do 140200	Family7678	Do 140210	Family1123
		Block DOES NOT EXIST	Ps_140309 Ps_140313	Family7678	Ps_140310 Ps_140314	Family1123 Family1123
BlockID: Pso_59	Dissimilar families	PIOCU DOES NOT EVIST	1 3_140313	i aiiiiyzzu	1 3_140314	i aililiy I IZ3
5.00KID. 1 30_03	Dissimilar ranillies	Block DOES NOT EXIST	Ps_132661	Family2848	Ps_132662	Family18012
		Block DOES NOT EXIST	Ps_142929	No families	Ps_142930	Family31859
BlockID: Pso_6	Present	DIOOK DOLO NOT LAIGT	1 3_172028	140 Idiffilles	1 3_172330	r anniyo 1009
5.00KiD. 1 00_0		Block EXISTS	Ps 129660	Family9	Ps_129661	Family6911
		Block EXISTS	Ps_129662	Family6911	Ps_129663	Family9
BlockID: Pso_60	Dissimilar families	Blook Extore	. 0_120002	, anniyoo i i	1 0_120000	· animyo
	Discillina railings	Block DOES NOT EXIST	Ps_129705	Family11444	Ps_129706	Family10955
		Block DOES NOT EXIST	Ps_129707	Family11444	Ps 129708	Family87
BlockID: Pso_61	Dissimilar families	2.00.1.2.0.2.0.1.0.1	. 00.	,	. 0120.00	
		Block DOES NOT EXIST	Ps_137760	Family11763	Ps 137761	Family5512
		Block DOES NOT EXIST	Ps 143474	Family3805	Ps_143475	Family5512
BlockID: Pso_62	Present (diff. copies)		_	, , , , , , , , , , , , , , , , , , , ,		, , , ,
	, , ,	Block DOES NOT EXIST	Ps_109200	No families	Ps_109201	Family11468
		Block EXISTS	Ps_109204	Family11468	Ps_139328	Family7
BlockID: Pso_63	Present			•		•
		Block EXISTS	Ps_108654	Family7	Ps_132903	Family244
		Block EXISTS	Ps_131034	Family7	Ps_131035	Family244
DisabilDi Das C4						
BIOCKID: PSO_64	Present					
BIOCKID: PS0_64	Present	Block EXISTS	Ps_138679	Family3058	Ps_138680	Family2118
BIOCKID: PSO_64	Present	Block EXISTS Block EXISTS	Ps_138679 Ps_143814	Family3058 Family2118	Ps_138680 Ps_143815	Family2118 Family3058
	Present  Gene missing	Block EXISTS	Ps_143814	Family2118	Ps_143815	Family3058
		Block EXISTS  Block DOES NOT EXIST	Ps_139701	Family2118  No families	Ps_143815 Ps_139702	
		Block EXISTS	Ps_143814	Family2118	Ps_143815	Family3058
BlockID: Pso_65		Block DOES NOT EXIST Block DOES NOT EXIST	Ps_143814 Ps_139701 Ps_140221	Family2118  No families  No families	Ps_143815 Ps_139702 Ps_140222	Family3058  No families Family4844
BlockID: Pso_65	Gene missing	Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_143814  Ps_139701  Ps_140221  Ps_138487	No families No families No families	Ps_143815  Ps_139702 Ps_140222  Ps_138488	Family3058  No families Family4844  Family10998
BlockID: Pso_65 BlockID: Pso_66	Gene missing  Gene missing	Block DOES NOT EXIST Block DOES NOT EXIST	Ps_143814 Ps_139701 Ps_140221	Family2118  No families  No families	Ps_143815 Ps_139702 Ps_140222	Family3058  No families Family4844
BlockID: Pso_65 BlockID: Pso_66	Gene missing	Block EXISTS  Block DOES NOT EXIST Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_143814  Ps_139701 Ps_140221  Ps_138487 Ps_139608	No families No families No families No families No families	Ps_143815  Ps_139702  Ps_140222  Ps_138488  Ps_139609	Family3058  No families Family4844  Family10998 No families
BlockID: Pso_65 BlockID: Pso_66	Gene missing  Gene missing	Block EXISTS  Block DOES NOT EXIST	Ps_143814  Ps_139701 Ps_140221  Ps_138487 Ps_139608  Ps_128174	Family2118  No families  No families  No families  No families  Family727	Ps_143815  Ps_139702  Ps_140222  Ps_138488  Ps_139609  Ps_128175	Family3058  No families Family4844  Family10998 No families  Family1251
BlockID: Pso_65 BlockID: Pso_66 BlockID: Pso_67	Gene missing  Gene missing  Present	Block EXISTS  Block DOES NOT EXIST Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_143814  Ps_139701 Ps_140221  Ps_138487 Ps_139608	No families No families No families No families No families	Ps_143815  Ps_139702  Ps_140222  Ps_138488  Ps_139609	Family3058  No families Family4844  Family10998 No families
BlockID: Pso_65 BlockID: Pso_66 BlockID: Pso_67	Gene missing  Gene missing	Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS  Block EXISTS	Ps_143814  Ps_139701  Ps_140221  Ps_138487  Ps_139608  Ps_128174  Ps_128178	No families No families No families No families No families Family727 Family1251	Ps_143815  Ps_139702  Ps_140222  Ps_138488  Ps_139609  Ps_128175  Ps_128179	Family3058  No families Family4844  Family10998 No families  Family1251 Family727
BlockID: Pso_65 BlockID: Pso_66 BlockID: Pso_67	Gene missing  Gene missing  Present	Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block DOES NOT EXIST	Ps_143814  Ps_139701  Ps_140221  Ps_138487  Ps_139608  Ps_128174  Ps_128178  Ps_142234	No families No families No families No families No families Family727 Family1251 Family0	Ps_143815  Ps_139702  Ps_140222  Ps_138488  Ps_139609  Ps_128175  Ps_128179  Ps_142235	Family3058  No families Family4844  Family10998 No families  Family1251 Family727  Family6137
BlockID: Pso_65  BlockID: Pso_66  BlockID: Pso_67  BlockID: Pso_68	Gene missing  Gene missing  Present  Dissimilar families	Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS  Block EXISTS	Ps_143814  Ps_139701  Ps_140221  Ps_138487  Ps_139608  Ps_128174  Ps_128178	No families No families No families No families No families Family727 Family1251	Ps_143815  Ps_139702  Ps_140222  Ps_138488  Ps_139609  Ps_128175  Ps_128179	Family3058  No families Family4844  Family10998 No families  Family1251 Family727
BlockID: Pso_65  BlockID: Pso_66  BlockID: Pso_67  BlockID: Pso_68	Gene missing  Gene missing  Present	Block EXISTS  Block DOES NOT EXIST Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST	Ps_143814  Ps_139701 Ps_140221  Ps_138487 Ps_139608  Ps_128174 Ps_128178  Ps_142234 Ps_142242	Family2118  No families  No families  No families  No families  Family727  Family1251  Family0  Family6137	Ps_143815  Ps_139702  Ps_140222  Ps_138488  Ps_139609  Ps_128175  Ps_128179  Ps_142235  Ps_142243	Family3058  No families Family4844  Family10998 No families  Family1251 Family727  Family6137 Family4905
BlockID: Pso_65  BlockID: Pso_66  BlockID: Pso_67  BlockID: Pso_68	Gene missing  Gene missing  Present  Dissimilar families	Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block DOES NOT EXIST	Ps_143814  Ps_139701 Ps_140221  Ps_138487 Ps_139608  Ps_128174 Ps_128178  Ps_142234 Ps_142242  Ps_136652	Family2118  No families  No families  No families  No families  Family727  Family1251  Family0  Family6137  Family931	Ps_143815  Ps_139702  Ps_140222  Ps_138488  Ps_139609  Ps_128175  Ps_128179  Ps_142235  Ps_142243  Ps_136653	Family3058  No families Family4844  Family10998 No families  Family1251 Family727  Family6137 Family4905  Family69
BlockID: Pso_65  BlockID: Pso_66  BlockID: Pso_67  BlockID: Pso_68	Gene missing  Gene missing  Present  Dissimilar families	Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS  Block EXISTS	Ps_143814  Ps_139701 Ps_140221  Ps_138487 Ps_139608  Ps_128174 Ps_128178  Ps_142234 Ps_142242  Ps_136652 Ps_142343	Family2118  No families  No families  No families  No families  Family727  Family1251  Family0  Family6137  Family931  Family931	Ps_143815  Ps_139702  Ps_140222  Ps_138488  Ps_139609  Ps_128175  Ps_128179  Ps_142235  Ps_142243  Ps_136653  Ps_142344	Family3058  No families Family4844  Family10998 No families  Family1251 Family727  Family6137 Family4905  Family69 Family69
BlockID: Pso_65  BlockID: Pso_66  BlockID: Pso_67  BlockID: Pso_68  BlockID: Pso_68	Gene missing  Gene missing  Present  Dissimilar families  Present	Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block DOES NOT EXIST	Ps_143814  Ps_139701 Ps_140221  Ps_138487 Ps_139608  Ps_128174 Ps_128178  Ps_142234 Ps_142242  Ps_136652	Family2118  No families  No families  No families  No families  Family727  Family1251  Family0  Family6137  Family931	Ps_143815  Ps_139702  Ps_140222  Ps_138488  Ps_139609  Ps_128175  Ps_128179  Ps_142235  Ps_142243  Ps_136653	Family3058  No families Family4844  Family10998 No families  Family1251 Family727  Family6137 Family4905  Family69
BlockID: Pso_64  BlockID: Pso_65  BlockID: Pso_66  BlockID: Pso_67  BlockID: Pso_68  BlockID: Pso_69	Gene missing  Gene missing  Present  Dissimilar families	Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block EXISTS  Block EXISTS	Ps_143814  Ps_139701  Ps_139701  Ps_140221  Ps_138487  Ps_139608  Ps_128174  Ps_128178  Ps_142234  Ps_142242  Ps_142242  Ps_136652  Ps_142343  Ps_143888	Family2118  No families No families No families No families Family727 Family1251  Family0 Family6137  Family931 Family931 Family931	Ps_143815  Ps_139702  Ps_140222  Ps_138488  Ps_139609  Ps_128175  Ps_128179  Ps_142235  Ps_142243  Ps_136653  Ps_142344  Ps_143889	Family3058  No families Family4844  Family10998 No families  Family1251 Family727  Family6137 Family4905  Family69 Family69 Family69
BlockID: Pso_65  BlockID: Pso_66  BlockID: Pso_67  BlockID: Pso_68  BlockID: Pso_68	Gene missing  Gene missing  Present  Dissimilar families  Present	Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS  Block EXISTS  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block DOES NOT EXIST  Block EXISTS  Block EXISTS	Ps_143814  Ps_139701 Ps_140221  Ps_138487 Ps_139608  Ps_128174 Ps_128178  Ps_142234 Ps_142242  Ps_136652 Ps_142343	Family2118  No families  No families  No families  No families  Family727  Family1251  Family0  Family6137  Family931  Family931	Ps_143815  Ps_139702  Ps_140222  Ps_138488  Ps_139609  Ps_128175  Ps_128179  Ps_142235  Ps_142243  Ps_136653  Ps_142344	Family3058  No families Family4844  Family10998 No families  Family1251 Family727  Family6137 Family4905  Family69 Family69

		Block EXISTS	Ps_143825	Family34	Ps_143826	Family2027
		Block EXISTS	Ps_144596	Family2027	Ps_144597	Family34
BlockID: Pso_71	Present					
		Block EXISTS	Ps_109131	Family120	Ps_109132	Family42
D		Block EXISTS	Ps_109133	Family120	Ps_138365	Family42
BlockID: Pso_72	Present	DI 1 53/1070	D 100015	F " 10000	D 100010	E ".0454
		Block EXISTS	Ps_130945	Family18803	Ps_130946	Family2454
DisakiD: Dos. 72	Dragant	Block EXISTS	Ps_130949	Family2454	Ps_130950	Family18803
BlockID: Pso_73	Present	Block EXISTS	Do 120045	Family 4	Do 120046	Family 4724
		Block EXISTS	Ps_139045 Ps_143224	Family4 Family4734	Ps_139046 Ps_143225	Family4734 Family4
BlockID: Pso_74	Present	DIUCK EXISTS	F5_143224	Fallilly4734	FS_143225	Fairilly4
BIOCKID. F50_74	Fieseiii	Block EXISTS	Ps 131657	Family85	Ps_131658	Family1168
		Block EXISTS	Ps_144374	Family85	Ps_144375	Family1168
		Block EXISTS	Ps_144377	Family85	Ps_144378	Family1168
BlockID: Pso_75	Dissimilar families	DIOCK EXIOTO	13_144011	1 arriiiyoo	1 3_144370	1 anniy 1 100
BIOGRIB: 1 00_70	Diodiffinal fariffico	Block DOES NOT EXIST	Ps_128346	Family1561	Ps_128347	Family901
		Block DOES NOT EXIST	Ps 143534	Family901	Ps 143535	Family233
BlockID: Pso_76	Dissimilar families		. 5 10004	,001	. 5_1 10000	,200
		Block DOES NOT EXIST	Ps_139683	Family14140	Ps_139684	Family429
		Block DOES NOT EXIST	Ps 139686	No families	Ps_139687	Family77
BlockID: Pso_77	Present					,
		Block EXISTS	Ps_133243	Family585	Ps_133244	Family14287
		Block EXISTS	Ps_143040	Family14287	Ps_143041	Family585
BlockID: Pso_78	Dissimilar families		<del>-</del>	j	_	•
_		Block DOES NOT EXIST	Ps_124358	Family31246	Ps_143885	Family4715
		Block DOES NOT EXIST	Ps_140634	Family4715	Ps_158174	Family6467
BlockID: Pso_79	Present (diff. copies)			-		-
_		Block EXISTS	Ps_134952	Family13244	Ps_134953	Family10373
		Block DOES NOT EXIST	Ps_135009	Family11618	Ps_135010	Family10373
BlockID: Pso_8	Present					
		Block EXISTS	Ps_139401	Family228	Ps_139402	Family14
		Block EXISTS	Ps_139403	Family14	Ps_139404	Family228
BlockID: Pso_80	Present					
		Block EXISTS	Ps_108619	Family947	Ps_108620	Family6498
		Block EXISTS	Ps_108621	Family947	Ps_132315	Family6498
BlockID: Pso_81	Dissimilar families					
		Block EXISTS	Ps_135819	Family243	Ps_135820	Family70
		Block DOES NOT EXIST	Ps_135822	Family418	Ps_157306	No families
BlockID: Pso_82	Present					
		Block EXISTS	Ps_113278	Family24	Ps_131000	Family572
Disability Disability	Descent	Block EXISTS	Ps_140536	Family572	Ps_140537	Family24
BlockID: Pso_83	Present	Disale EVICEO	D= 444000	F	D= 444000	F
		Block EXISTS	Ps_141282	Family239	Ps_141283	Family379
PlankID: Dos. 04	Dionimilar forcilis s	Block EXISTS	Ps_141285	Family379	Ps_141286	Family239
BlockID: Pso_84	Dissimilar families	Plack DOES NOT EVICE	Do 120406	Eamily 124	Do 120407	Eamily12E06
		Block DOES NOT EXIST Block DOES NOT EXIST	Ps_130496	Family134	Ps_130497	Family12506
BlockID: Pso 85	Dissimilar families	PIOCK DOES NOT EVIST	Ps_130498	Family18801	Ps_130499	Family134
PIOCKID: F80_03	טוווווומו ומוווווונט	Block DOES NOT EXIST	Ps_132889	Family12378	Ps_132890	Family554
		Block DOES NOT EXIST	Ps_132009 Ps_142351	Family11941	Ps_132690 Ps_142353	Family12244
BlockID: Pso_86	Present	PIOCK DOED NOT EXIST	1 3_172001	r anniy i 1 <del>34</del> 1	1 3_142333	1 annly 12244
DIOCKID. 1 30_00	i icociit	Block EXISTS	Ps_134706	Family4602	Ps_134707	Family7534
		Block EXISTS	Ps_134700 Ps_134710	Family7534	Ps_134707 Ps_134711	Family4602
BlockID: Pso_87	Present	DIOUN EATO TO	1 3_10+110	1 amily / 554	13_104/11	r anniy+002
DIOGNID. 1 30_0/	i icociit	Block EXISTS	Ps 144416	Family187	Ps_144417	Family340
		Block DOES NOT EXIST	Ps_144418	Family1520	Ps_144417 Ps_144419	Family340
		Block EXISTS	Ps_144420	Family340	Ps_144421	Family187
BlockID: Pso 88	Dissimilar families		. 5			,
2.00.0.0	2.00mmar rarrintos	Block DOES NOT EXIST	Ps_133123	Family18489	Ps_156643	Family5293
		2.35K 2020 NOT EXIOT	. 0_100120	1 anny 10-100	. 5555-5	

		Block DOES NOT EXIST	Ps_143463	Family5293	Ps_143464	Family18862
BlockID: Pso_89	Present					
		Block EXISTS	Ps_139046	Family4734	Ps_139047	Family474
		Block EXISTS	Ps_143223	Family474	Ps_143224	Family4734
BlockID: Pso_9	Gene missing					
		Block DOES NOT EXIST	Ps_136254	Family432	Ps_136256	No families
		Block DOES NOT EXIST	Ps_143315	Family432	Ps_143316	No families
BlockID: Pso_90	Present					
		Block EXISTS	Ps_109030	Family47	Ps_137432	Family105
		Block EXISTS	Ps_137420	Family105	Ps_137421	Family47
BlockID: Pso_91	Present					
		Block EXISTS	Ps_138685	Family105	Ps_138686	Family86
		Block EXISTS	Ps_143548	Family86	Ps_143549	Family105
BlockID: Pso_92	Present					
		Block EXISTS	Ps_132021	Family4666	Ps_132022	Family25
		Block EXISTS	Ps_132026	Family25	Ps_132027	Family4666
BlockID: Pso_93	Present					
		Block EXISTS	Ps_109456	Family31	Ps_142236	Family9014
		Block EXISTS	Ps_109457	Family31	Ps_142241	Family9014
BlockID: Pso_94	Present					
		Block DOES NOT EXIST	Ps_143790	Family227	Ps_143791	Family3623
		Block EXISTS	Ps_143792	Family14689	Ps_143793	Family227
		Block EXISTS	Ps_144411	Family14689	Ps_144412	Family227
BlockID: Pso_95	One family					
		Block DOES NOT EXIST	Ps_138329	Family271	Ps_138330	Family271
		Block DOES NOT EXIST	Ps_138335	Family271	Ps_138336	Family271
BlockID: Pso_96	Dissimilar families					
		Block DOES NOT EXIST	Ps_131226	Family1862	Ps_131227	Family11227
		Block DOES NOT EXIST	Ps_144395	Family1862	Ps_144396	Family7389
BlockID: Pso_97	Gene missing					
		Block DOES NOT EXIST	Ps_134707	Family7534	Ps_134708	No families
		Block DOES NOT EXIST	Ps_134709	Family26	Ps_134710	Family7534
BlockID: Pso_98	Present					
		Block EXISTS	Ps_136398	Family12512	Ps_136399	Family1480
		Block EXISTS	Ps_139588	Family1480	Ps_139589	Family12512
BlockID: Pso_99	Present					
		Block EXISTS	Ps_137552	Family671	Ps_137553	Family148
I		Block EXISTS	Ps_137594	Family148	Ps_137595	Family671
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## References

Jurka J, Kapitonov VV, Pavlicek A, Klonowski P, Kohany O et al. 2005. Repbase update, a database of eukaryotic repetitive elements. Cytogenetic and Genome Research 110:462-467.

Martens C, Van de Peer Y. 2010. The hidden duplication past of the plant pathogen phytophthora and its consequences for infection. BMC Genomics 11:353.