	LIST DE MORU POSITIVOS PARA CRECIMIENTOS					DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB
Nº	NIE	TATUA	Gan	genotipo	Cub	0-45	0-45	0-45	0-45	0-30	0-30	0-30	0-30	0-75	0-75	0-75	0-75	45-75	45-75	45-75	45-75	30-45	30-45	30-45	30-45
1	A0040000724010000494113	AE08001	AE	ARQ/AHQ		0.041	0.54			0.045	0.53			0.045	0.62			0.020	0.62			0.030	0.53		
2	A0040000724010012526533	AE11006	AE	ARR/ARQ		0.020	0.51			0.009	0.50			0.042	0.59			0.054	0.59			0.040	0.50		
3	A0040000724010012526461	AE11010	AE	ARR/ARQ										0.035	0.51			0.041	0.51						
4	A0040000724010012686031	AE14001	AE	ARR/ARR	IA	0.037	0.71	0.022	0.64					0.021	0.57							0.089	0.54		
5	A0040000724010012686027	AE14002	AE	ARR/ARR	IA	0.027	0.68	0.016	0.60					0.013	0.55							0.107	0.51		
6	A0040000724010012686029	AE14003	AE	ARR/ARR	IA	0.020	0.68	0.011	0.61					0.011	0.54							0.100	0.50		
7	A0040000724010012686030	AE14006	AE	ARR/ARR	IA	0.021	0.71	0.013	0.63					0.017	0.57			0.008	0.57			0.061	0.54		
8	A0040000724010012686028	AE14008	AE	ARR/ARR	IA	0.025	0.67	0.014	0.60					0.017	0.54			0.006	0.54			0.096	0.50		
9	A0040000724010003819398	AF12002	AF	ARR/ARR		0.038	0.60	0.024	0.56																
10	A0040000724010000297951	AI08101	RR	ARR/ARR	IA	0.006	0.69	0.003	0.60					0.014	0.56			0.018	0.56			0.018	0.53		
11	A0040000724010002248018	AI08103	RR	ARR/ARR	IA									0.010	0.56			0.019	0.56			0.016	0.53		
12	A0040000724010003045097	AI09306	RR	ARR/ARQ	IA	0.024	0.71	0.016	0.64	0.003	0.54			0.022	0.57			0.024	0.57			0.022	0.54		
13	A0040000724010003045096	AI09307	RR	ARR/ARQ	IA	0.027	0.72	0.017	0.65	0.003	0.54			0.029	0.57			0.037	0.57			0.043	0.54		
14	A0040000724010012514384	AI11312	ANC	ARR/ARR		0.011	0.57	0.007	0.53																
15	A0040000724010012514393	AI12201	RR	ARR/ARQ		0.025	0.61	0.016	0.57																
16	A0040000724010012641738	AI13252	RR	ARR/ARQ		0.026	0.60	0.017	0.56																
17	A0040000724010012641709	AI13254	RR	ARR/ARQ		0.004	0.60	0.002	0.56																
18	A0040000724010002149685	AK10102	AK	ARR/ARQ	IA	0.050	0.72	0.028	0.59	0.033	0.72			0.051	0.78			0.034	0.78			0.089	0.71		
19	A0040000724010003043356	AK10103	ANC	ARR/AHQ	IA	0.009	0.60	0.004	0.54																
20	A0040000724010003043356	AK10103	ANC	ARR/AHQ	IA	0.042	0.95	0.024	0.78	0.009	0.95			0.050	0.95			0.038	0.95			0.123	0.94		
21	A0040000724010003040112	AK10187	ANC	ARR/ARR		0.059	0.88	0.033	0.73	0.028	0.88			0.082	0.90			0.095	0.90			0.121	0.87		
22	A0040000724010003801451	AK11102	AK	ARR/ARQ		0.036	0.72	0.020	0.59	0.025	0.70			0.034	0.78			0.016	0.78			0.062	0.70		
23	A0040000724010012522890	AK11104	AK	ARR/ARQ	IA	0.036	0.64	0.020	0.53	0.020	0.63			0.002	0.72					0.028	0.64	0.047	0.63		
24	A0040000724010012522875	AK11175	AK	ARR/ARQ		0.071	0.60	0.043	0.55																
25	A0040000724010012522860	AK12507	AK	ARR/ARQ		0.002	0.60	0.002	0.55																
26	A0040000724010012522863	AK12512	AK	ARR/ARR		0.031	0.60	0.019	0.54																
27	A0040000724010012522867	AK12516	AK	ARR/ARR		0.022	0.60	0.014	0.55																
28	A0040000724010012522868	AK12519	AK	ARR/ARQ		0.029	0.60	0.018	0.54																
29	A0040000724010012522985	AK13602	AK	ARR/ARR	MC	0.054	0.64	0.032	0.58					0.028	0.50										
30	A0040000724010000254170	AK13604	ANC	ARR/AHQ	IA	0.057	0.69	0.036	0.62	0.009	0.53			0.039	0.56			0.024	0.56			0.076	0.53		
31	A0040000724010012635338	AK14126	AK	ARR/AHQ	IA	0.023	0.70	0.014	0.63					0.026	0.54			0.032	0.54			0.096	0.50		
32	A0040000724010012635339	AK14128	AK	ARR/ARR	IA	0.026	0.70	0.014	0.62					0.024	0.55			0.020	0.55			0.101	0.52		
33	A0040000724010012635293	AK14131	AK	ARR/ARR	IA	0.022	0.68	0.013	0.60					0.026	0.55			0.023	0.55			0.115	0.51		
34	A0040000724010012635299	AK14133	AK	ARR/ARR	IA	0.010	0.72	0.006	0.64					0.025	0.57			0.042	0.57			0.068	0.55		
35	A0040000724010012555203	AN12081	AN	ARR/ARQ		0.022	0.60	0.014	0.54																
36	A0040000724010012555204	AN12083	AN	ARR/ARQ		0.028	0.61	0.017	0.56																
37	A0040000724010000494635	AT08001	AT	ARR/ARR	MC					0.002	0.60					0.010	0.60			0.005	0.60				
38	A0040000724010012515066	AT11004	AT	ARR/ARR	IA	0.027	0.72	0.016	0.65	0.003	0.54			0.021	0.57			0.011	0.57			0.038	0.54		
39	A0040000724010000494895	AT11008	ANC	ARR/ARR		0.088	0.89	0.050	0.74	0.020	0.90			0.074	0.91			0.031	0.91			0.230	0.89		

Nº	LIST DE MORU POSITIVOS PARA CRECIMIENTOS NIE	TATUA	Gan	genotipo	Cub	DIRE 0-45	FIAB 0-45	MAT 0-45	FIAB 0-45	DIRE 0-30	FIAB 0-30	MAT 0-30	FIAB 0-30	DIRE 0-75	FIAB 0-75	MAT 0-75	FIAB 0-75	DIRE 45-75	FIAB 45-75	MAT 45-75	FIAB 45-75	DIRE 30-45	FIAB 30-45	MAT 30-45	FIAB 30-45
40	A004000072401001251508 9	AT11011	TP	ARR/ARR	IA	0.007	0.60	0.003	0.54																
41	A004000072401001251507 6	AT11012	AT	ARR/ARR	IA									0.010	0.57			0.014	0.57			0.024	0.54		
42	A004000072401000018046 6	AT12002	AT	ARR/ARR		0.021	0.61	0.013	0.56																
43	A004000072401001264726 6	AT13003	AT1	ARR/ARR	IA	0.044	0.69	0.025	0.61					0.039	0.56			0.021	0.56			0.106	0.53		
44	A004000072401001264726 7	AT13005	AT1	ARR/ARR	IA	0.022	0.70	0.012	0.62					0.025	0.57			0.021	0.57			0.090	0.54		
45	A004000072401000017851 2	AT13007	AT1	ARR/ARR	IA	0.053	0.70	0.032	0.62	0.006	0.52			0.046	0.55			0.029	0.55			0.108	0.52		
46	A004000072401000017851 3	AT13010	AT1	ARR/ARR	IA	0.008	0.61	0.004	0.56																
47	A004000072401001264727 5	AT13014	AT1	ARR/ARR	IA	0.023	0.71	0.014	0.63					0.022	0.57			0.014	0.57			0.057	0.54		
48	A004000072401000025180 2	AT13016	ANC	ARR/ARR		0.002	0.58	0.001	0.54																
49	A004000072401000018044 1	AT13021	AT1	ARR/ARR	IA	0.042	0.70	0.025	0.62	0.002	0.52			0.045	0.55			0.044	0.55			0.095	0.52		
50	A004000072401001264720 7	AT13023	AT1	ARR/ARR		0.015	0.60	0.009	0.54																
51	A004000072401001264726 9	AT13027	AT1	ARR/ARR	IA	0.024	0.70	0.014	0.61	0.001	0.54			0.030	0.57			0.026	0.57			0.059	0.54		
52	A004000072401000043259 0	BH08012	BH1	ARR/ARQ										0.013	0.55			0.032	0.55						
53	A004000072401001251454 5	BH09097	BH	ARR/ARQ										0.009	0.55										
54	A004000072417000038521 1	CS11041	CS	ARR/AHQ	IA	0.041	0.70	0.025	0.62	0.012	0.53			0.040	0.56			0.036	0.56			0.071	0.53		
55	A004000072417000038521 4	CS11042	CS	ARR/ARQ	IA	0.035	0.72	0.021	0.64	0.009	0.54			0.033	0.57			0.031	0.57			0.048	0.54		
56	A004000072417000038521 2	CS11043	CS	ARR/ARQ	IA	0.025	0.71	0.015	0.63	0.008	0.54			0.003	0.57							0.024	0.54		
57	A004000072401000325522 4	DC10163	DC	ARR/ARQ		0.047	0.74	0.027	0.61	0.011	0.72			0.028	0.78			0.001	0.78	0.000	0.70	0.125	0.72		
58	A004000072401001251588 3	DC11403	DC	ARR/ARQ		0.004	0.71	0.002	0.59			0.015	0.58	0.000	0.73	0.000	0.65	0.018	0.73			0.059	0.70		
59	A004000072401001255392 6	DC12402	DC	ARR/ARQ		0.003	0.60	0.001	0.56																
60	A004000072401001255392 2	DC12406	DC	ARR/ARR		0.028	0.60	0.018	0.54																
61	A004000072401001255392 5	DC12409	DC	ARR/ARQ		0.020	0.61	0.013	0.56																
62	A004000072401001255393 6	DC12606	DC	ARR/ARR						0.017	0.71			0.000	0.75	0.000	0.67	0.022	0.75					0.049	0.56
63	A004000072401001262235 7	DC13504	DC	ARR/ARQ	MC	0.015	0.66	0.007	0.60					0.035	0.50			0.044	0.50						
64	A004000072401001652426 8	DC14501	DC	ARR/ARQ		0.012	0.61	0.007	0.56																
65	A004000072401001652426 6	DC14510	DC	ARR/ARR		0.034	0.60	0.021	0.55																
66	A004000072401001652426 9	DC14514	DC	ARR/ARR		0.040	0.61	0.024	0.56																
67	A004000072401000215614 5	DR08008	DR	ARR/ARR	IA	0.007	0.70	0.005	0.62					0.003	0.56							0.008	0.53		
68	A004000072401000215614 5	DR08008	DR	ARR/ARR	IA	0.020	0.66	0.011	0.54	0.024	0.63			0.045	0.72			0.065	0.72			0.019	0.63		
69	A004000072401000325532 4	DR10066	DR	ARR/ARQ		0.001	0.53									0.006	0.52			0.001	0.52	0.019	0.53		
70	A004000072401001251588 5	DR11001	DR	ARR/ARR		0.009	0.65	0.005	0.54	0.011	0.63			0.023	0.72			0.029	0.72			0.018	0.63		
71	A004000072401001251588 6	DR11003	DR	ARR/ARQ		0.004	0.60	0.002	0.50	0.021	0.62			0.010	0.67			0.021	0.67						
72	A004000072401001251588 4	DR11005	DR	ARR/ARQ	IA	0.029	0.72	0.018	0.64					0.029	0.57			0.034	0.57			0.059	0.54		
73	A004000072401001262082 1	DR13468	DR	ARR/ARQ	MC	0.025	0.67	0.015	0.60					0.010	0.51			0.004	0.51						
74	A004000072401001652426 2	DR14405	DR	ARR/ARR		0.010	0.61	0.006	0.56																
75	A004000072401001652426 1	DR14413	DR	ARR/ARQ		0.033	0.61	0.020	0.56																
76	A004000072401001652426 4	DR14415	DR	ARR/ARQ		0.024	0.60	0.015	0.56																
77	A004000072401000215627 2	DT08160	DT	ARR/ARQ		0.001	0.60	0.001	0.50	0.018	0.58			0.014	0.67			0.035	0.67						
78	A004000072401001251585 4	DT11227	DT	ARR/ARQ	IA	0.023	0.72	0.015	0.65					0.023	0.57			0.023	0.57			0.051	0.55		

	LIST DE MORU POSITIVOS PARA CRECIMIENTOS					DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB
Nº	NIE	TATUA	Gan	genotipo	Cub	0-45	0-45	0-45	0-45	0-30	0-30	0-30	0-30	0-75	0-75	0-75	0-75	45-75	45-75	45-75	45-75	30-45	30-45	30-45	30-45
79	A004000072401001251586 1	DT11322	DT	ARR/ARQ		0.016	0.62	0.009	0.51			0.018	0.50	0.026	0.71			0.031	0.71			0.124	0.62		
80	A004000072401001652427 1	DT14355	DT	ARR/ARQ	MC			0.000	0.56																
81	A004000072401001652427 4	DT14357	DT	ARR/ARQ	MC	0.005	0.66	0.003	0.59																
82	A004000072401001652427 7	DT14360	DT	ARR/ARQ	MC	0.018	0.66	0.012	0.59																
83	A004000072401001652427 8	DT14372	DT	ARR/ARQ	MC	0.014	0.67	0.009	0.61					0.001	0.50										
84	A004000072401000019322 8	DV10213	DV	ARR/ARR		0.014	0.52			0.015	0.52											0.012	0.52		
85	A004000072401001262440 3	DV13251	DV	ARR/ARR		0.021	0.62	0.013	0.57																
86	A004000072401001262440 1	DV13252	DV	ARR/ARR	MC	0.014	0.62	0.008	0.56																
87	A004000072401001653799 8	DV14400	DV	ARR/ARR		0.033	0.60	0.021	0.54																
88	A004000072401001262383 2	EB13046	EB	ARR/ARQ		0.015	0.60	0.010	0.55																
89	A004000072401001262383 1	EB13091	EB	ARR/ARQ		0.003	0.60	0.002	0.54																
90	A004000072401001262465 7	EB13179	EB1	ARR/ARQ		0.011	0.60	0.007	0.54																
91	A004000072401001300921 6	EE11081	EE	ARR/ARQ		0.001	0.60	0.000	0.56																
92	A004000072401001257677 0	EE12101	EE	ARR/ARQ		0.002	0.60	0.001	0.54																
93	A004000072401001255419 8	EU12077	EU	ARR/ARQ	IA	0.020	0.61	0.009	0.54					0.041	0.51			0.035	0.51						
94	A004000072401001652872 9	EU14052	EU	ARR/ARR		0.020	0.61	0.012	0.56																
95	A004000072401001652873 1	EU14053	EU	ARR/ARQ		0.019	0.60	0.012	0.55																
96	A004000072401001653514 5	EU14106	EU	ARR/ARQ		0.010	0.60	0.006	0.55																
97	A004000072401000309079 3	EX10005	EX	ARR/ARR		0.019	0.65	0.010	0.54			0.040	0.56			0.005	0.63			0.023	0.63	0.200	0.65		
98	A004000072401000374012 0	EX11091	EX	ARR/ARQ										0.018	0.50										
99	A004000072401001353956 5	EX11105	EX	ARR/ARQ										0.028	0.54			0.044	0.54						
100	A004000072401001353956 5	EX11105	EX	ARR/ARQ		0.021	0.58	0.013	0.53																
101	A004000072401001303145 4	EX13001	EX	ARR/ARR	MC	0.016	0.64	0.010	0.57																
102	A004000072401001303145 0	EX13003	EX	ARR/ARR	MC	0.036	0.61	0.021	0.55																
103	A004000072401001303145 1	EX13005	EX	ARR/ARQ	MC	0.018	0.61	0.011	0.55																
104	A004000072401001306944 0	EX14022	EX	ARR/ARQ	IA	0.051	0.70	0.031	0.63	0.005	0.54			0.027	0.57							0.090	0.54		
105	A004000072401001306944 1	EX14023	EX	ARR/ARR	MC	0.040	0.65	0.025	0.58																
106	A004000072401001260127 1	EZ13003	EZ	ARR/ARR		0.006	0.60	0.004	0.55																
107	A004000072401001260127 2	EZ13005	EZ	ARR/ARR		0.014	0.60	0.008	0.55																
108	A004000072401000390499 9	FP11121	NA1	ARR/ARQ	IA	0.015	0.70	0.009	0.63					0.016	0.56			0.004	0.56			0.058	0.54		
109	A004000072401000390499 9	FP11121	NA1	ARR/ARQ	IA									0.000	0.51										
110	A004000072401000390505 3	FP12101	ANC	ARR/ARR		0.005	0.56	0.003	0.52																
111	A004000072401000390505 3	FP12101	ANC	ARR/ARR		0.079	0.90	0.045	0.74			0.007	0.73	0.070	0.91			0.054	0.91			0.255	0.90		
112	A004000072401000216400 1	FR09037	FR	ARR/ARR	MC	0.002	0.65	0.001	0.58																
113	A004000072401000216403 7	FR12001	FR	ARR/ARR		0.015	0.61	0.009	0.56																
114	A004000072401000216403 6	FR12003	FR	ARR/ARQ		0.027	0.61	0.015	0.56																
115	A004000072401001257437 2	FR12011	FR	ARR/ARR		0.000	0.60	0.000	0.55																
116	A004000072401001257438 0	FR12094	FR	ARR/ARQ		0.019	0.52																		
117	A004000072401000387710 8	FV10061	FV	ARR/ARR		0.001	0.57			0.002	0.57														

Nº	LIST DE MORU POSITIVOS PARA CRECIMIENTOS					DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB
	NIE	TATUA	Gan	genotipo	Cub	0-45	0-45	0-45	0-45	0-30	0-30	0-30	0-30	0-75	0-75	0-75	0-75	45-75	45-75	45-75	45-75	30-45	30-45	30-45	30-45
118	A00400007240100125538 81	FV12001	FV	ARR/ARR		0.013	0.61	0.008	0.56																
119	A00400007240100125538 83	FV12006	FV	ARR/ARR		0.010	0.61	0.006	0.56																
120	A00400007240100032483 41	FV12007	FV	ARR/ARQ		0.020	0.61	0.012	0.57																
121	A00400007240100126243 97	FV13305	FV	ARR/ARR	MC	0.035	0.65	0.023	0.59																
122	A00400007240100126243 99	FV13311	FV	ARR/ARR		0.008	0.60	0.005	0.54																
123	A00400007240100126244 02	FV13312	FV	ARR/ARQ	MC	0.009	0.65	0.005	0.59																
124	A00400007240100126244 00	FV13318	FV	ARR/ARR		0.010	0.61	0.006	0.56																
125	A00400007240100126243 96	FV13319	FV	ARR/ARR	MC	0.033	0.64	0.020	0.59																
126	A00400007240100126243 98	FV13322	FV	ARR/ARR	MC	0.024	0.62	0.014	0.56																
127	A00400007240100165379 94	FV14508	FV	ARR/ARR		0.005	0.60	0.003	0.54																
128	A00400007240100165377 99	FV14509	FV	ARR/ARR		0.024	0.61	0.015	0.56																
129	A00400007240100165379 93	FV14515	FV	ARR/ARR		0.009	0.60	0.006	0.55																
130	A00400007240100165377 98	FV14516	FV	ARR/ARQ		0.017	0.61	0.011	0.56																
131	A00400007240100165376 99	FV14517	FV	ARR/ARQ		0.018	0.60	0.011	0.56																
132	A00400007240100165291 99	FV14518	FV	ARR/ARQ		0.031	0.60	0.020	0.55																
133	A00400007240100165379 95	FV14520	FV	ARR/ARR		0.040	0.61	0.026	0.57																
134	A00400007240100165379 97	FV14525	FV	ARR/ARQ		0.021	0.60	0.014	0.55																
135	A00400007240100165379 96	FV14526	FV	ARR/ARQ		0.020	0.61	0.014	0.57																
136	A00400007240100001734 61	GF11001	GF	ARQ/AHQ		0.006	0.63	0.004	0.52			0.009	0.51	0.014	0.71			0.026	0.71			0.059	0.63		
137	A00400007240100000042 21	GF11053	GF	ARR/ARQ						0.019	0.64					0.003	0.63	0.006	0.71					0.027	0.52
138	A00400007240100021724 85	GH08001	GH	ARR/ARQ		0.021	0.79	0.012	0.66			0.002	0.65	0.015	0.82					0.007	0.73	0.072	0.79		
139	A00400007240100021725 59	GH10062	GH	ARR/ARQ		0.037	0.71	0.021	0.58	0.035	0.71			0.056	0.76			0.045	0.76			0.064	0.69		
140	A00400007240100135898 38	GH12035	GH	ARR/ARR	IA	0.028	0.72	0.017	0.65					0.019	0.56			0.012	0.56			0.057	0.55		
141	A00400007240100135898 26	GH12039	GH	ARR/ARQ	MC	0.031	0.66	0.019	0.59					0.019	0.51			0.006	0.51						
142	A00400007240100135898 31	GH12054	GH	ARR/ARQ	MC	0.004	0.56	0.003	0.51																
143	A00400007240100135898 28	GH12057	GH	ARR/ARR	MC	0.016	0.66	0.010	0.59					0.000	0.52										
144	A00400007240100135898 47	GH13005	GH	ARR/ARR	MC	0.031	0.65	0.018	0.59																
145	A00400007240100136526 65	GH13024	GH	ARR/ARR	MC	0.028	0.67	0.016	0.60					0.016	0.52										
146	A00400007240100136527 12	GH13027	GH	ARR/ARR	IA	0.034	0.68	0.018	0.61					0.042	0.52			0.029	0.52						
147	A00400007240100038020 90	GI10001	PU	ARR/ARR	IA	0.009	0.70	0.004	0.63					0.014	0.56			0.012	0.56			0.036	0.53		
148	A00400007240100038020 90	GI10001	PU	ARR/ARR	IA									0.011	0.54			0.003	0.54						
149	A00400007240100038020 91	GI10003	PU	ARR/ARR	IA									0.000	0.56			0.003	0.56			0.001	0.54		
150	A00400007240100038020 89	GI10056	PU	ARR/ARQ	MC	0.000	0.63	0.000	0.58																
151	A00400007240100126475 24	GI13002	HA	ARR/ARQ	IA	0.008	0.71	0.003	0.63					0.022	0.57			0.021	0.57			0.067	0.54		
152	A00400007240100002522 90	GI13003	PU	ARR/ARR	IA	0.054	0.71	0.034	0.64					0.026	0.57							0.092	0.54		
153	A00400007240100002518 01	GI13061	ANC	ARR/ARR	IA	0.028	0.70	0.016	0.62					0.022	0.56			0.000	0.56			0.090	0.53		
154	A00400007240100002522 24	GI14050	GI	ARR/ARR		0.008	0.60	0.005	0.55																
155	A00400007240100004945 36	GO08001	GO	ARR/ARQ	IA	0.003	0.71	0.002	0.64					0.000	0.57	0.001	0.50			0.005	0.50	0.009	0.54		
156	A00400007240100002942 11	GT07211	BH	ARR/ARR	IA	0.000	0.61	0.000	0.52					0.009	0.53			0.014	0.53			0.016	0.52		

Nº	LIST DE MORU POSITIVOS PARA CRECIMIENTOS NIE	TATUA	Gan	genotipo	Cub	DIRE 0-45	FIAB 0-45	MAT 0-45	FIAB 0-45	DIRE 0-30	FIAB 0-30	MAT 0-30	FIAB 0-30	DIRE 0-75	FIAB 0-75	MAT 0-75	FIAB 0-75	DIRE 45-75	FIAB 45-75	MAT 45-75	FIAB 45-75	DIRE 30-45	FIAB 30-45	MAT 30-45	FIAB 30-45
157	A004000072401000030055 1	GT07608	HS3	ARR/ARR	IA	0.008	0.71	0.006	0.63					0.013	0.57			0.017	0.57			0.005	0.54		
158	A004000072401000030055 4	GT07612	FO	ARR/ARR	IA	0.006	0.61	0.004	0.52					0.009	0.53			0.005	0.53			0.004	0.52		
159	A004000072401000217990	GT08050	SG2	ARR/ARQ		0.017	0.57			0.009	0.59			0.045	0.66			0.073	0.66			0.039	0.59		
160	A004000072401000225024 7	GT09511	JF	ARR/ARR		0.027	0.60	0.017	0.55																
161	A004000072401000225024 7	GT09511	JF1	ARR/ARR								0.008	0.55			0.003	0.66	0.002	0.74					0.004	0.55
162	A004000072401000304009 6	GT09543	AK	ARR/ARQ		0.026	0.67	0.015	0.55	0.000	0.66	0.000	0.53	0.035	0.74			0.029	0.74			0.087	0.66		
163	A004000072401000225027 8	GT09545	SG	ARR/ARR		0.025	0.56			0.033	0.55			0.043	0.58			0.048	0.58			0.025	0.55		
164	A004000072401000017919 1	HA12001	HA	ARR/ARQ		0.001	0.60	0.000	0.56																
165	A004000072401000017919 2	HA12006	HA	ARR/ARQ		0.023	0.60	0.013	0.55																
166	A004000072401001264753 8	HA13002	HA	ARR/ARR		0.014	0.60	0.008	0.55																
167	A004000072401001264752 8	HA13039	HA	ARR/ARR		0.013	0.60	0.008	0.56																
168	A004000072401001264751 4	HA13040	HA	ARR/ARQ		0.000	0.59	0.000	0.54																
169	A004000072401001059951 4	HA14042	HA	ARR/ARQ	IA	0.059	0.71	0.037	0.64	0.003	0.54			0.039	0.57			0.012	0.57			0.095	0.54		
170	A004000072401000225038 5	HC09017	HC	ARR/ARR	IA	0.011	0.70	0.006	0.62	0.002	0.54			0.014	0.56			0.014	0.56			0.023	0.54		
171	A004000072401000310573 0	HC10006	ANC	ARR/ARR	IA	0.016	0.66	0.010	0.60	0.001	0.52			0.008	0.53			0.001	0.53			0.013	0.52		
172	A004000072401000310573 0	HC10006	ANC	ARR/ARR	IA	0.035	0.88	0.020	0.72	0.017	0.88			0.021	0.90					0.011	0.80	0.076	0.87		
173	A004000072401000225039 5	HC10011	AK	ARR/ARR	IA	0.023	0.70	0.014	0.62	0.007	0.54			0.025	0.56			0.028	0.56			0.027	0.54		
174	A004000072401000310572 9	HC10015	ANC	ARR/ARR	IA	0.012	0.64	0.008	0.56					0.011	0.53			0.014	0.53			0.018	0.51		
175	A004000072401000310572 9	HC10015	ANC	ARR/ARR	IA	0.025	0.93	0.014	0.77	0.011	0.93			0.028	0.95			0.001	0.95	0.000	0.84	0.068	0.93		
176	A004000072401000381049 1	HC11001	PJ	ARR/ARR	IA	0.012	0.65	0.006	0.58					0.021	0.53			0.012	0.53			0.062	0.52		
177	A004000072401000381049 3	HC11007	UN	ARR/ARR	IA	0.001	0.60							0.020	0.50			0.020	0.50						
178	A004000072401000381942 3	HC12106	HC	ARR/ARR		0.000	0.61	0.000	0.56																
179	A004000072401000382027 9	HC12110	JF1	ARR/ARR		0.023	0.61	0.014	0.56																
180	A004000072401000381947 2	HC12116	JF1	ARR/ARR		0.042	0.61	0.025	0.56																
181	A004000072401000025174 7	HC13001	ANC	ARR/ARR	IA	0.007	0.71	0.003	0.64					0.015	0.56			0.007	0.56			0.060	0.54		
182	A004000072401000025174 8	HC13003	ANC	ARR/ARR	MC	0.000	0.60	0.000	0.55																
183	A004000072401000025174 9	HC13006	HC	ARR/ARR	MC	0.022	0.62	0.013	0.57																
184	A004000072401000025208 6	HC14005	HC	ARR/ARR				0.000	0.55																
185	A004000072401000025208 7	HC14007	HC	ARR/ARR		0.018	0.60	0.010	0.55																
186	A004000072401000025208 3	HC14008	HC	ARR/ARR		0.018	0.59	0.011	0.54																
187	A004000072401000025208 5	HC14009	HC	ARR/ARR		0.006	0.60	0.005	0.56																
188	A004000072401000017696 7	HC14043	HC	ARR/ARR	MC	0.011	0.63	0.007	0.58																
189	A004000072401000017696 4	HC14045	HC	ARR/ARR	MC	0.027	0.63	0.017	0.58																
190	A004000072401000017696 3	HC14047	HC	ARR/ARR	IA	0.017	0.70	0.010	0.63					0.022	0.55			0.021	0.55			0.113	0.51		
191	A004000072401000017696 6	HC14049	HC	ARR/ARR	MC	0.028	0.61	0.017	0.55																
192	A004000072401000214559 9	HH09003	HH	ARR/ARR		0.054	0.58			0.009	0.56			0.042	0.65			0.000	0.65	0.000	0.57	0.118	0.56		
193	A004000072401000214183 1	HH10078	HH	ARR/ARQ	IA	0.016	0.70	0.010	0.61	0.003	0.54			0.017	0.57			0.012	0.57			0.022	0.54		
194	A004000072401000214183 2	HH10079	HH	ARR/ARQ	IA									0.018	0.57			0.034	0.57			0.041	0.54		
195	A004000072401000214182 8	HH10080	HH	ARR/ARR	IA	0.066	0.55			0.013	0.53			0.035	0.62					0.021	0.55	0.135	0.53		

Nº	LIST DE MORU POSITIVOS PARA CRECIMIENTOS NIE	TATUA	Gan	genotipo	Cub	DIRE 0-45	FIAB 0-45	MAT 0-45	FIAB 0-45	DIRE 0-30	FIAB 0-30	MAT 0-30	FIAB 0-30	DIRE 0-75	FIAB 0-75	MAT 0-75	FIAB 0-75	DIRE 45-75	FIAB 45-75	MAT 45-75	FIAB 45-75	DIRE 30-45	FIAB 30-45	MAT 30-45	FIAB 30-45
196	A004000072401000381568	HH12001	HH	ARR/ARQ		0.021	0.61	0.014	0.57																
197	A004000072401000381568	HH12009	HH	ARR/ARR	IA	0.035	0.71	0.022	0.64					0.028	0.56			0.018	0.56			0.076	0.52		
198	A004000072401000382773	HH13064	HH	ARR/ARQ		0.022	0.60	0.014	0.55																
199	A004000072401001267576	HH14001	HH	ARR/ARR	IA	0.029	0.70	0.017	0.61	0.001	0.54			0.022	0.57			0.006	0.57			0.071	0.54		
200	A004000072401001267576	HH14002	HH	ARR/ARR	IA	0.043	0.67	0.026	0.60	0.000	0.50			0.028	0.54			0.018	0.54			0.103	0.50		
201	A004000072401001267576	HH14003	HH	ARR/ARQ	IA	0.031	0.71	0.017	0.63	0.000	0.54			0.029	0.57			0.014	0.57			0.081	0.54		
202	A004000072401001267576	HH14004	HH	ARR/ARQ	MC	0.014	0.61	0.008	0.56																
203	A004000072401001267576	HH14005	HH	ARR/ARR	IA	0.039	0.69	0.024	0.62					0.025	0.54			0.023	0.54			0.089	0.50		
204	A004000072401001267576	HH14006	HH	ARR/ARR	IA	0.030	0.64	0.017	0.57																
205	A004000072401001267577	HH14007	HH	ARR/ARQ	IA	0.041	0.69	0.025	0.62					0.044	0.54			0.061	0.54			0.092	0.50		
206	A004000072401001267577	HH14008	HH	ARR/ARR	IA	0.018	0.70	0.010	0.63					0.020	0.55			0.016	0.55			0.104	0.51		
207	A004000072401001267577	HH14009	HH	ARR/ARR	IA	0.005	0.70	0.002	0.63					0.018	0.55			0.031	0.55			0.087	0.51		
208	A004000072401000048390	HR08006	HR	ARR/ARR		0.002	0.51							0.006	0.55			0.006	0.55			0.021	0.50		
209	A004000072401000306224	HR10511	LM	ARR/ARR		0.004	0.70	0.002	0.57			0.000	0.55	0.015	0.73					0.002	0.65	0.050	0.67		
210	A004000072401000306225	HR10523	ANC	ARR/ARR		0.016	0.91	0.009	0.75			0.011	0.73	0.027	0.93			0.025	0.93			0.087	0.91		
211	A004000072401000306227	HR10526	HR	ARR/ARR		0.024	0.66	0.013	0.54	0.018	0.66			0.016	0.74			0.000	0.74	0.000	0.66	0.032	0.65		
212	A004000072401000306229	HR10527	HR	ARR/ARR		0.045	0.62	0.025	0.51	0.023	0.63			0.044	0.71			0.016	0.71			0.084	0.63		
213	A004000072401000306226	HR10529	HR	ARR/ARQ		0.038	0.57			0.017	0.55			0.020	0.64					0.010	0.57	0.067	0.55		
214	A004000072401000306226	HR10535	HR	ARR/ARQ		0.026	0.62	0.015	0.51	0.016	0.63			0.034	0.70			0.039	0.70			0.041	0.61		
215	A004000072401000381243	HR11070	HR	ARR/ARR								0.007	0.52	0.005	0.70			0.000	0.70	0.000	0.62	0.041	0.62		
216	A004000072401000381245	HR11511	HR	ARR/ARR		0.004	0.57			0.005	0.55			0.024	0.62			0.030	0.62			0.016	0.55		
217	A004000072401000379953	HR12503	ANC	ARR/ARH		0.055	0.77	0.031	0.63			0.010	0.66	0.021	0.82					0.004	0.72	0.195	0.76		
218	A004000072401000025129	HR12804	VN	ARR/ARR		0.000	0.57	0.000	0.54																
219	A004000072401001527546	HS08003	HS	ARR/ARQ	IA									0.012	0.57			0.028	0.57			0.032	0.54		
220	A004000072401000048413	HS08029	HS	ARR/ARR										0.016	0.51										
221	A004000072401000378818	HS09359	HS2	ARR/ARR	IA	0.028	0.71	0.016	0.64	0.007	0.54			0.037	0.57			0.042	0.57			0.057	0.54		
222	A004000072401001527551	HS09360	HS	ARR/ARR	IA	0.025	0.71	0.015	0.64	0.010	0.54			0.030	0.57			0.033	0.57			0.043	0.54		
223	A004000072401000378818	HS09364	HS	ARR/ARQ	IA	0.024	0.69	0.014	0.61	0.005	0.54			0.030	0.56			0.035	0.56			0.048	0.54		
224	A004000072401001527550	HS10330	HS	ARR/ARQ	IA	0.024	0.72	0.014	0.65	0.001	0.54			0.023	0.57			0.011	0.57			0.060	0.54		
225	A004000072401000223181	HS10435	HS	ARR/ARR										0.027	0.54			0.013	0.54						
226	A004000072401000018714	HS12093	HS1	ARR/ARQ		0.025	0.61	0.015	0.56																
227	A004000072401000020924	HS12202	HS1	ARR/ARR	IA	0.022	0.70	0.011	0.63	0.009	0.51			0.031	0.55			0.025	0.55			0.048	0.51		
228	A004000072401000025019	HS13101	HS	ARR/ARQ		0.019	0.61	0.012	0.56																
229	A004000072401000025019	HS13103	HS	ARR/ARR		0.015	0.61	0.008	0.57																
230	A004000072401000025019	HS13104	HS	ARR/ARQ		0.006	0.60	0.005	0.55																
231	A004000072401000025019	HS13105	HS	ARR/ARQ		0.016	0.61	0.011	0.56																
232	A004000072401000025019	HS13106	HS	ARR/ARR	IA	0.006	0.71	0.002	0.63					0.014	0.57			0.006	0.57			0.069	0.54		
233	A004000072401000016842	HS13202	HS	ARR/ARR	MC	0.049	0.66	0.030	0.60					0.027	0.50							0.063	0.44		
234	A004000072401000021367	HS13800	HS3	ARR/ARQ		0.016	0.60	0.010	0.54																

Nº	LIST DE MORU POSITIVOS PARA CRECIMIENTOS					DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB
	NIE	TATUA	Gan	genotipo	Cub	0-45	0-45	0-45	0-45	0-30	0-30	0-30	0-30	0-75	0-75	0-75	0-75	45-75	45-75	45-75	45-75	30-45	30-45	30-45	30-45
235	A00400007240100126844 35	HS13803	HS3	ARR/ARQ				0.000	0.54																
236	A00400007240100002136 45	HS13805	HS3	ARR/ARR		0.033	0.61	0.019	0.57																
237	A00400007240100002136 46	HS13806	HS3	ARR/ARR		0.008	0.60	0.005	0.54																
238	A00400007240100021994 76	JF09001	ANC	ARR/ARR	IA	0.022	0.64	0.013	0.57	0.004	0.52			0.019	0.53			0.020	0.53			0.022	0.51		
239	A00400007240100021994 76	JF09001	ANC	ARR/ARR	IA	0.035	0.97	0.020	0.80	0.004	0.97			0.053	0.98			0.045	0.98			0.103	0.97		
240	A00400007240100021994 77	JF09008	ANC	ARR/ARR	IA	0.008	0.64	0.006	0.57					0.006	0.53			0.011	0.53			0.016	0.51		
241	A00400007240100021994 77	JF09008	ANC	ARR/ARR	IA	0.052	0.95	0.029	0.79			0.003	0.77	0.049	0.96			0.029	0.96			0.164	0.95		
242	A00400007240100021994 58	JF09010	TP	ARR/ARQ	IA	0.006	0.65	0.004	0.58	0.000	0.52			0.009	0.53			0.006	0.53			0.008	0.52		
243	A00400007240100021994 61	JF09014	TP	ARR/ARR	IA	0.015	0.67	0.008	0.61	0.002	0.51			0.020	0.53			0.016	0.53			0.043	0.51		
244	A00400007240100021996 81	JF10201	JF1	ARR/ARR								0.017	0.54			0.007	0.62			0.008	0.62	0.036	0.67		
245	A00400007240100021995 63	JF10252	JF1	ARR/ARR								0.016	0.56	0.013	0.74			0.064	0.74					0.021	0.56
246	A00400007240100021995 66	JF10303	UL	ARR/ARQ	IA	0.010	0.61	0.006	0.53	0.001	0.52			0.013	0.53			0.010	0.53			0.015	0.52		
247	A00400007240100031062 95	JF10308	JF	ARR/ARR	MC	0.000	0.82	0.000	0.68	0.023	0.82			0.000	0.86	0.000	0.77	0.004	0.86					0.032	0.66
248	A00400007240100031063 80	JF10320	JF1	ARR/ARR	MC							0.004	0.59	0.008	0.77			0.017	0.77					0.007	0.59
249	A00400007240100031063 28	JF11078	JF	ARR/ARR		0.019	0.57			0.006	0.55			0.008	0.62					0.012	0.55	0.055	0.55		
250	A00400007240100031063 01	JF11079	JF	ARR/ARR		0.023	0.70	0.013	0.58	0.011	0.70			0.016	0.74					0.004	0.66	0.053	0.70		
251	A00400007240100031062 96	JF11081	JF	ARR/ARR		0.007	0.87	0.004	0.72	0.035	0.87			0.015	0.90			0.024	0.90					0.019	0.69
252	A00400007240100031063 05	JF11087	JF	ARR/ARR				0.000	0.63	0.010	0.76			0.005	0.83			0.014	0.83					0.014	0.61
253	A00400007240100037443 79	JF11266	JF	ARR/ARR						0.016	0.75					0.005	0.71			0.006	0.71			0.021	0.60
254	A00400007240100031063 00	JF11462	ANC	ARR/ARR		0.000	0.57	0.000	0.53																
255	A00400007240100031063 00	JF11462	ANC	ARR/ARR		0.048	0.87	0.027	0.72			0.016	0.70	0.054	0.89			0.045	0.89			0.205	0.86		
256	A00400007240100038194 75	JF12010	ANC	ARR/ARR	IA	0.032	0.68	0.018	0.61	0.004	0.51			0.031	0.54			0.014	0.54			0.090	0.51		
257	A00400007240100038194 75	JF12010	ANC	ARR/ARR	IA	0.013	0.77	0.008	0.63			0.016	0.65	0.033	0.83			0.049	0.83			0.142	0.77		
258	A00400007240100038194 74	JF12013	ANC	ARR/ARR		0.049	0.65	0.028	0.54			0.005	0.53	0.055	0.70			0.050	0.70			0.133	0.63		
259	A00400007240100002512 49	JF12060	JF	ARR/ARQ	MC	0.017	0.67	0.013	0.61					0.009	0.51			0.006	0.51						
260	A00400007240100002512 49	JF12060	JF	ARR/ARQ	MC	0.038	0.70	0.022	0.58	0.037	0.70			0.032	0.74			0.013	0.74			0.046	0.69		
261	A00400007240100002512 47	JF1215M	JF	ARR/ARQ		0.046	0.60	0.029	0.56																
262	A00400007240100038146 76	JF12513	JF	ARR/ARR												0.006	0.56			0.004	0.56				
263	A00400007240100002512 85	JF12801	VN	ARR/ARR	MC	0.020	0.63	0.012	0.58																
264	A00400007240100002512 86	JF12803	VN	ARR/ARR		0.018	0.55	0.011	0.51																
265	A00400007240100002512 80	JF12808	FH	ARR/AHQ		0.001	0.50																		
266	A00400007240100126462 28	JF13502	JV	ARR/ARR	IA	0.064	0.69	0.039	0.62	0.011	0.53			0.036	0.56							0.106	0.53		
267	A00400007240100002080 37	JF13506	JF	ARR/ARR	MC									0.007	0.50			0.019	0.50						
268	A00400007240100002518 06	JF13510	ANC	ARR/ARR	MC	0.010	0.64	0.006	0.57					0.005	0.51			0.003	0.51						
269	A00400007240100002518 07	JF13516	ANC	ARR/ARR	MC													0.004	0.51						
270	A00400007240100002518 09	JF13517	ANC	ARR/ARR	MC	0.008	0.65	0.005	0.58					0.008	0.52			0.011	0.52						
271	A00400007240100002521 24	JF13518	CS	ARR/ARQ	IA	0.012	0.67	0.007	0.59					0.011	0.55			0.002	0.55			0.038	0.51		
272	A00400007240100126462 27	JF13525	JV	ARR/ARR		0.008	0.59	0.005	0.54																
273	A00400007240100002518 08	JF13527	ANC	ARR/ARR	MC	0.000	0.67	0.000	0.61									0.000	0.51						

Nº	LIST DE MORU POSITIVOS PARA CRECIMIENTOS NIE	TATUA	Gan	genotipo	Cub	DIRE 0-45	FIAB 0-45	MAT 0-45	FIAB 0-45	DIRE 0-30	FIAB 0-30	MAT 0-30	FIAB 0-30	DIRE 0-75	FIAB 0-75	MAT 0-75	FIAB 0-75	DIRE 45-75	FIAB 45-75	MAT 45-75	FIAB 45-75	DIRE 30-45	FIAB 30-45	MAT 30-45	FIAB 30-45
274	A004000072401000025211 7	JF13528	CS	ARR/ARQ	MC									0.005	0.50			0.018	0.50						
275	A004000072401000025182 3	JF13600	JF	ARR/ARR	MC	0.021	0.66	0.012	0.59																
276	A004000072401000025182 6	JF13619	JF	ARR/ARR	MC	0.007	0.68	0.003	0.62					0.013	0.52			0.021	0.52						
277	A004000072401000017730 6	JF14003	JF	ARR/ARR	MC	0.020	0.66	0.012	0.60																
278	A004000072401000020814 0	JF14711	JF1	ARR/ARR	IA	0.043	0.71	0.025	0.63					0.032	0.57			0.013	0.57			0.101	0.54		
279	A004000072401000020811 7	JF14713	JF1	ARR/ARR	MC	0.044	0.61	0.026	0.56																
280	A004000072401000020813 8	JF14714	JF	ARR/ARR	IA	0.038	0.70	0.023	0.61	0.001	0.54			0.044	0.57			0.047	0.57			0.081	0.54		
281	A004000072401000020812 2	JF14715	JF1	ARR/ARR	IA	0.044	0.71	0.026	0.64	0.007	0.54			0.044	0.57			0.035	0.57			0.083	0.54		
282	A004000072401000020812 9	JF14725	DR	ARR/ARR		0.009	0.60	0.005	0.54																
283	A004000072401000018584 8	JG12031	JG	ARR/ARH	IA	0.033	0.63	0.019	0.57					0.038	0.51			0.030	0.51						
284	A004000072401000018584 9	JG12034	JG	ARR/ARR	IA	0.023	0.65	0.013	0.58					0.016	0.53							0.080	0.51		
285	A004000072401000216256 7	JJ08001	JJ	ARK/ARR	IA	0.017	0.70	0.012	0.61	0.006	0.54			0.003	0.57										
286	A004000072401000216256 8	JJ08002	JJ	ARR/ARQ	IA									0.005	0.57			0.025	0.57			0.004	0.54		
287	A004000072401000326247 9	JJ09001	JJ	ARR/ARR	IA									0.013	0.57			0.017	0.57			0.015	0.54		
288	A004000072401000233129 2	JJ10061	JJ	ARR/ARQ	IA	0.039	0.71	0.025	0.63	0.009	0.54			0.038	0.56			0.043	0.56			0.042	0.54		
289	A004000072401001251856 2	JJ11060	JJ	ARR/ARR	IA	0.002	0.72	0.001	0.64					0.012	0.57			0.013	0.57			0.048	0.54		
290	A004000072401001257643 0	JJ12068	JJ	ARR/ARQ	IA	0.021	0.71	0.013	0.64					0.022	0.57			0.016	0.57			0.051	0.54		
291	A004000072401001653383 1	JP14001	JP	ARR/ARR		0.051	0.60	0.032	0.54																
292	A004000072401001653826 8	JR14250	JR	ARR/ARQ		0.025	0.60	0.015	0.55																
293	A004000072401001653827 0	JR14254	JR	ARR/ARQ		0.016	0.60	0.009	0.55																
294	A004000072401001653827 3	JR14255	JR	ARR/ARR		0.029	0.60	0.018	0.54																
295	A004000072401001264622 4	JV09001	JV	ARR/ARQ		0.019	0.56			0.017	0.57			0.047	0.66			0.052	0.66			0.026	0.57		
296	A004000072401000374768 5	JV10003	JV	ARR/ARQ		0.022	0.50			0.013	0.50			0.045	0.59			0.044	0.59			0.043	0.50		
297	A004000072401001264621 7	JV14003	JV	ARR/ARR	IA	0.009	0.71	0.005	0.63													0.066	0.54		
298	A004000072401001264621 9	JV14009	JV	ARQ/AHQ		0.008	0.61	0.005	0.56																
299	A004000072401001701525 8	LE12039	LE	ARR/ARQ	IA	0.024	0.70	0.014	0.63	0.002	0.53			0.025	0.56			0.020	0.56			0.066	0.53		
300	A004000072401001701525 7	LE12040	LE	ARQ/AHQ	IA	0.012	0.70	0.006	0.62					0.024	0.56			0.029	0.56			0.065	0.53		
301	A004000072401001701525 6	LE12041	LE	ARR/ARR	IA	0.020	0.71	0.011	0.63					0.028	0.57			0.030	0.57			0.067	0.54		
302	A004000072401001701525 5	LE12042	LE	ARR/ARR	IA	0.028	0.70	0.018	0.62	0.001	0.54			0.025	0.56			0.020	0.56			0.045	0.54		
303	A004000072401001701525 3	LE12044	LE	ARR/ARQ	IA	0.036	0.70	0.022	0.61					0.051	0.57			0.077	0.57			0.076	0.54		
304	A004000072401001701525 2	LE12045	LE	ARR/ARQ	IA	0.022	0.71	0.014	0.63					0.024	0.57			0.024	0.57			0.069	0.54		
305	A004000072401001303603 7	LE13015	LE	ARR/ARQ	IA	0.002	0.68	0.002	0.62																
306	A004000072401001303607 4	LE13052	LE	ARK/ARR	IA	0.047	0.69	0.028	0.61					0.035	0.56			0.017	0.56			0.112	0.53		
307	A004000072401001653865 7	LH14302	LH	ARR/ARQ		0.002	0.60	0.001	0.54																
308	A004000072413000116050 6	LI10001	LI	ARR/ARQ	IA	0.014	0.70	0.008	0.62	0.005	0.54			0.010	0.57							0.014	0.54		
309	A004000072413000116050 7	LI10003	LI	ARQ/AHQ	IA	0.001	0.70	0.000	0.62					0.005	0.56			0.002	0.56			0.024	0.53		
310	A004000072413000116425 2	LI10199	LI	ARR/ARQ	IA																	0.028	0.54		
311	A004000072413000116425 4	LI10201	LI	ARR/ARQ	IA	0.051	0.71	0.032	0.63	0.015	0.54			0.035	0.57			0.025	0.57			0.052	0.54		
312	A004000072413000117545 5	LI11054	LI	ARR/ARR										0.046	0.56			0.025	0.56						

Nº	LIST DE MORU POSITIVOS PARA CRECIMIENTOS					DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB
	NIE	TATUA	Gan	genotipo	Cub	0-45	0-45	0-45	0-45	0-30	0-30	0-30	0-30	0-75	0-75	0-75	0-75	45-75	45-75	45-75	45-75	30-45	30-45	30-45	30-45
313	A00400007241300011754 56	LI11055	LI	ARR/ARQ		0.001	0.52							0.044	0.62			0.091	0.62			0.014	0.52		
314	A00400007241300014113 36	LI12279	LI	ARR/ARQ	IA	0.010	0.72	0.005	0.64					0.019	0.57			0.014	0.57			0.047	0.55		
315	A00400007241300014113 37	LI12280	LI	ARR/ARQ	IA	0.018	0.71	0.009	0.63	0.000	0.53			0.029	0.56			0.025	0.56			0.074	0.53		
316	A00400007241300014113 40	LI12283	LI	ARR/ARH	IA	0.011	0.71	0.006	0.63					0.027	0.57			0.038	0.57			0.031	0.54		
317	A00400007241300014113 41	LI12284	LI	ARR/AHQ	IA	0.022	0.71	0.013	0.63	0.005	0.54			0.044	0.57			0.064	0.57			0.050	0.54		
318	A00400007241300014113 42	LI12285	LI	ARR/ARQ	MC	0.016	0.64	0.008	0.58																
319	A00400007241300014113 46	LI12289	LI	ARR/ARQ	MC	0.016	0.63	0.011	0.58																
320	A00400007241300015260 77	LI13077	LI	ARR/ARQ		0.003	0.60	0.001	0.55																
321	A00400007241300015260 82	LI13082	LI	ARR/ARQ		0.012	0.60	0.008	0.54																
322	A00400007241300011754 61	LI13500	LI	ARR/ARQ		0.001	0.60	0.001	0.54																
323	A00400007241300011754 62	LI13501	LI	ARR/ARQ		0.035	0.61	0.021	0.56																
324	A00400007241300023664 85	LI14505	LI	ARR/ARQ	MC	0.083	0.65	0.052	0.60																
325	A00400007241300023664 86	LI14506	LI	ARR/ARQ		0.007	0.61	0.004	0.56																
326	A00400007241300023664 87	LI14507	LI	ARR/ARQ	MC	0.058	0.60	0.037	0.55																
327	A00400007241300023664 88	LI14508	LI	ARR/ARR	MC	0.064	0.63	0.039	0.57																
328	A00400007241300008351 0	LI30510	LI	ARR/ARQ												0.006	0.57			0.012	0.57				
329	A00400007241300011691 72	LI69172	LI	ARR/ARR						0.002	0.59					0.002	0.59			0.002	0.59				
330	A00400007241300006694 20	LI69420	LI	ARR/ARQ		0.051	0.55			0.021	0.57			0.024	0.51			0.042	0.51			0.123	0.55		
331	A00400007240100004870 90	LM07069	NH	ARR/ARQ	IA	0.013	0.64	0.008	0.57					0.009	0.51										
332	A00400007240100004870 83	LM07070	NH	ARR/ARQ	IA									0.011	0.54			0.016	0.54			0.017	0.51		
333	A00400007240100004808 21	LM11032	LM	ARR/ARR	IA	0.009	0.56			0.003	0.58											0.019	0.53		
334	A00400007240100004808 21	LM11032	LM	ARR/ARR	IA	0.015	0.72	0.009	0.65					0.022	0.57			0.024	0.57			0.058	0.55		
335	A00400007240100004808 20	LM11037	LM	ARR/ARR	IA	0.002	0.55			0.001	0.55														
336	A00400007240100004808 20	LM11037	LM	ARR/ARR	IA	0.015	0.71	0.010	0.63					0.021	0.57			0.029	0.57			0.040	0.54		
337	A00400007240100125269 52	LM12002	LM	ARR/ARR		0.011	0.67	0.006	0.56			0.002	0.53	0.008	0.62			0.011	0.62			0.025	0.64		
338	A00400007240100125269 52	LM12002	LM	ARR/ARR		0.006	0.61	0.004	0.57																
339	A00400007240100125269 46	LM12030	ANC	ARR/ARR		0.085	0.84	0.048	0.70			0.000	0.68	0.070	0.84			0.068	0.84			0.276	0.84		
340	A00400007240100125269 49	LM12031	ANC	ARR/ARR	IA	0.002	0.68	0.000	0.62					0.022	0.52			0.028	0.52						
341	A00400007240100125269 49	LM12031	ANC	ARR/ARR	IA	0.052	0.72	0.029	0.59	0.010	0.75			0.071	0.77			0.093	0.77			0.141	0.70		
342	A00400007240100125269 10	LM13003	ANC	ARR/ARR	IA	0.019	0.70	0.010	0.62					0.020	0.56			0.004	0.56			0.081	0.53		
343	A00400007240100125269 09	LM13004	ANC	ARR/ARR	IA	0.015	0.70	0.008	0.63	0.002	0.53			0.029	0.55			0.026	0.55			0.049	0.53		
344	A00400007240100001775 96	LM13052	LM	ARR/ARR		0.004	0.54															0.026	0.52		
345	A00400007240100001775 96	LM13052	LM	ARR/ARR		0.021	0.63	0.013	0.58																
346	A00400007240100001775 98	LM13053	LM	ARR/ARR		0.017	0.62	0.011	0.57																
347	A00400007240100001775 97	LM13056	LM	ARR/ARR		0.012	0.63	0.005	0.58																
348	A00400007240100001775 99	LM13057	LM	ARR/ARR		0.008	0.64	0.005	0.57																
349	A00400007240100002078 75	LM13102	LM	ARR/ARR		0.015	0.61	0.009	0.57																
350	A00400007240100126537 86	LM14001	LM	ARR/ARR	MC	0.034	0.60	0.019	0.55																
351	A00400007240100126537 85	LM14006	LM	ARR/ARR	MC	0.005	0.65	0.003	0.59																

	LIST DE MORU POSITIVOS PARA CRECIMIENTOS					DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB
Nº	NIE	TATUA	Gan	genotipo	Cub	0-45	0-45	0-45	0-45	0-30	0-30	0-30	0-30	0-75	0-75	0-75	0-75	45-75	45-75	45-75	45-75	30-45	30-45	30-45	30-45
352	A00400007240100126537 88	LM14007	LM	ARR/ARR	IA	0.021	0.72	0.012	0.64					0.023	0.57			0.016	0.57			0.077	0.54		
353	A00400007240100126537 87	LM14008	LM	ARR/ARR	IA	0.012	0.71	0.006	0.63					0.021	0.57			0.019	0.57			0.046	0.54		
354	A00400007240100126857 45	LM14042	LM	ARR/ARR		0.015	0.60	0.010	0.54																
355	A00400007240100125772 05	MD12099	MD	ARR/ARQ		0.033	0.59	0.020	0.54																
356	A00400007240100125772 03	MD12100	MD	ARR/ARQ		0.018	0.60	0.011	0.55																
357	A00400007240100125771 99	MD12101	MD	ARR/ARR		0.009	0.59	0.006	0.54																
358	A00400007240100125772 01	MD12102	MD	ARR/ARQ		0.005	0.60	0.003	0.55																
359	A00400007240100165230 43	MD13078	MD	ARR/ARQ		0.005	0.60	0.003	0.54																
360	A00400007240100165230 42	MD13079	MD	ARR/ARQ		0.000	0.61	0.000	0.56																
361	A00400007241300006337 08	ME10512	ME	ARR/ARR	IA	0.004	0.70	0.003	0.62					0.008	0.57			0.014	0.57			0.015	0.55		
362	A00400007241300006337 04	ME10514	ME	ARR/AHQ	IA	0.017	0.69	0.010	0.61	0.002	0.54			0.010	0.56							0.029	0.54		
363	A00400007241300006337 10	ME10515	ME	ARR/ARR	IA	0.014	0.70	0.008	0.62	0.002	0.54			0.016	0.56			0.018	0.56			0.024	0.54		
364	A00400007240100024008 98	MJ09011	MJ	ARR/ARQ	IA	0.019	0.70	0.012	0.63	0.003	0.54			0.013	0.56			0.002	0.56			0.038	0.53		
365	A00400007240100024008 96	MJ09016	MJ	ARR/ARR	IA	0.003	0.71	0.001	0.64					0.011	0.56			0.011	0.56			0.031	0.54		
366	A00400007240100038986 03	MJ11160	MJ	ARR/AHQ	IA	0.021	0.69	0.014	0.62					0.013	0.55			0.014	0.55			0.044	0.53		
367	A00400007240100038986 02	MJ11161	MJ	ARR/ARQ	IA	0.016	0.69	0.009	0.62					0.011	0.55							0.057	0.53		
368	A00400007240100038986 01	MJ11162	MJ	ARR/ARR	IA	0.018	0.69	0.011	0.62					0.024	0.55			0.029	0.55			0.055	0.53		
369	A00400007240100038981 80	MJ13106	MJ	ARR/ARQ		0.000	0.58	0.000	0.53																
370	A00400007240100038981 81	MJ13107	MJ	ARR/ARQ		0.006	0.56	0.004	0.51																
371	A00400007240100165303 50	MJ14001	MJ	ARR/ARQ		0.014	0.56	0.010	0.52																
372	A00400007240100165303 53	MJ14002	MJ	ARR/ARR	IA	0.042	0.70	0.025	0.63					0.035	0.54			0.036	0.54			0.107	0.51		
373	A00400007240100165303 51	MJ14003	MJ	ARR/ARQ		0.008	0.56	0.005	0.53																
374	A00400007240100165303 54	MJ14005	MJ	ARR/ARH	IA	0.015	0.66	0.008	0.60					0.004	0.51										
375	A00400007240100165304 50	MJ14217	MJ	ARR/ARQ	IA	0.045	0.68	0.026	0.61					0.041	0.54			0.040	0.54			0.128	0.51		
376	A00400007240100165304 51	MJ14218	MJ	ARR/ARQ	IA	0.020	0.67	0.011	0.60					0.023	0.53			0.016	0.53						
377	A00400007240100165304 52	MJ14219	MJ	ARR/ARR	IA	0.025	0.65	0.014	0.57					0.019	0.53			0.006	0.53						
378	A00400007240100038806 66	MM12002	MM	ARQ/AHQ		0.028	0.60	0.017	0.54																
379	A00400007240100126223 53	MM13010	MM	ARR/ARQ		0.001	0.60	0.000	0.54																
380	A00400007240100001921 29	NA06003	GH	ARR/ARR		0.015	0.65	0.008	0.54			0.006	0.54	0.044	0.69			0.080	0.69			0.055	0.66		
381	A00400007240100001921 34	NA06004	TP	ARR/ARR	MC							0.002	0.55												
382	A00400007240100006027 69	NA07191	TP	ARR/ARR	IA	0.002	0.63	0.001	0.56	0.004	0.50			0.005	0.52										
383	A00400007240100006027 63	NA07203	TP	ARR/ARR	IA									0.002	0.53			0.005	0.53						
384	A00400007240100021566 13	NA09018	FV	ARR/ARR		0.020	0.69	0.011	0.57	0.026	0.69			0.012	0.63			0.007	0.63					0.008	0.54
385	A00400007240100021669 73	NA09240	SG2	ARR/ARQ		0.008	0.54			0.010	0.53			0.006	0.51							0.025	0.53		
386	A00400007240100021591 28	NA10010	ANC	ARR/ARR		0.044	0.98	0.025	0.81			0.008	0.79	0.036	0.98			0.004	0.98			0.152	0.97		
387	A00400007240100021591 29	NA10016	ANC	ARR/ARR		0.063	0.94	0.036	0.77	0.003	0.94			0.061	0.95			0.021	0.95			0.176	0.94		
388	A00400007240100021591 30	NA10023	ANC	ARR/AHQ		0.035	0.89	0.020	0.73			0.006	0.72	0.030	0.90			0.001	0.90			0.122	0.88		
389	A00400007240100125167 46	NA11150	NA1	ARR/ARR		0.024	0.61	0.014	0.50	0.023	0.60			0.027	0.64			0.027	0.64			0.037	0.60		
390	A00400007240100125537 40	NA12008	NA	ARR/ARR		0.027	0.61	0.017	0.57																

Nº	LIST DE MORU POSITIVOS PARA CRECIMIENTOS NIE	TATUA	Gan	genotipo	Cub	DIRE 0-45	FIAB 0-45	MAT 0-45	FIAB 0-45	DIRE 0-30	FIAB 0-30	MAT 0-30	FIAB 0-30	DIRE 0-75	FIAB 0-75	MAT 0-75	FIAB 0-75	DIRE 45-75	FIAB 45-75	MAT 45-75	FIAB 45-75	DIRE 30-45	FIAB 30-45	MAT 30-45	FIAB 30-45
391	A000000072417000040959 5	NA12201	CQ	ARR/ARQ		0.011	0.60	0.008	0.56																
392	A00400007240100125385 0	NA12205	NA1	ARR/ARQ	MC	0.065	0.62	0.040	0.57																
393	A00400007240100125537 9	NA12209	NA	ARR/ARR		0.028	0.60	0.018	0.55																
394	A00400007240100125537 6	NA12295	NA1	ARR/ARR	IA	0.003	0.60	0.002	0.55																
395	A000000072417000041139 4	NA12502	CD	ARR/ARQ		0.005	0.60	0.003	0.56																
396	A00400007240100126238 3	NA13006	NA	ARR/ARR	MC	0.027	0.62	0.016	0.56																
397	A00400007240100126238 6	NA13008	NA	ARR/ARR		0.015	0.60	0.009	0.55																
398	A00400007240100126238 4	NA13010	NA	ARR/ARR		0.010	0.60	0.007	0.55																
399	A00400007240100126238 1	NA13011	NA	ARR/ARR		0.003	0.60	0.000	0.56																
400	A00400007240100165332 6	NA14008	NA	ARR/ARR		0.018	0.61	0.012	0.56																
401	A00400007240100000249 0	NA14202	ANC	ARR/ARR	MC	0.024	0.56	0.014	0.51																
402	A00400007240100000249 1	NA14203	ANC	ARR/ARR	MC	0.027	0.53																		
403	A00400007240100165344 0	NA14215	NA1	ARR/ARR		0.011	0.60	0.007	0.54																
404	A00400007240100000251493	NF12090	NF	ARR/ARQ		0.001	0.55	0.001	0.51																
405	A00400007240100000251492	NF12091	NF	ARK/ARR		0.000	0.60	0.000	0.56																
406	A00400007240100000255575	NF13103	NF	ARQ/AHQ	IA	0.021	0.68	0.012	0.60					0.019	0.54			0.006	0.54			0.065	0.51		
407	A00400007240100000255576	NF13104	NF	ARR/ARQ	IA	0.034	0.68	0.020	0.60					0.035	0.55			0.034	0.55			0.087	0.51		
408	A00400007240100000255577	NF13105	NF	ARR/ARR	IA	0.014	0.68	0.008	0.60					0.016	0.54			0.007	0.54			0.060	0.51		
409	A00400007240100126827 4	NF14116	NF	ARR/ARQ	MC	0.010	0.61	0.007	0.55																
410	A00400007240100021829 0	NI09001	NI	ARR/ARQ	MC			0.001	0.58																
411	A00400007240100021582 7 6	NI09002	NI	ARR/ARQ	IA	0.024	0.70	0.015	0.63	0.009	0.54			0.022	0.57			0.013	0.57			0.023	0.54		
412	A00400007240100125776 5 2	NI12083	NI	ARR/ARR		0.014	0.60	0.009	0.54																
413	A00400007240100125797 8 2	NN13001	NN	ARR/ARQ		0.022	0.60	0.013	0.55																
414	A00400007240100165361 6 5	NP14108	NP	ARR/ARQ		0.030	0.61	0.019	0.56																
415	A00400007240100125445 3 5	PJ12002	PJ	ARR/ARQ	IA	0.032	0.70	0.019	0.61	0.010	0.54			0.030	0.57			0.027	0.57			0.045	0.54		
416	A00400007240100125445 3 3	PJ12003	PJ	ARK/ARR	IA									0.033	0.57			0.091	0.57			0.005	0.54		
417	A00400007240100125445 8 3	PJ12004	PJ	ARR/ARQ	IA	0.012	0.71	0.007	0.63					0.012	0.57			0.005	0.57			0.051	0.54		
418	A00400007240100125445 3 8	PJ12005	PJ	ARR/ARQ	IA	0.014	0.71	0.008	0.63					0.025	0.57			0.022	0.57			0.055	0.54		
419	A00400007240100125445 4 4	PJ12006	PJ	ARR/ARR	IA	0.019	0.71	0.011	0.63	0.003	0.54			0.030	0.57			0.034	0.57			0.048	0.54		
420	A00400007240100125445 8 8	PJ12007	PJ	ARR/ARQ	IA	0.020	0.71	0.011	0.64					0.027	0.57			0.023	0.57			0.061	0.54		
421	A00400007240100000608 5 7 0	PJ12100	PJ	ARR/ARQ	IA	0.023	0.71	0.013	0.63	0.005	0.54			0.025	0.57			0.015	0.57			0.052	0.54		
422	A00400007240100000608 5 8 5	PJ12101	PJ1	ARR/AHQ	IA									0.006	0.57			0.005	0.57			0.040	0.54		
423	A00400007240100125446 6 6	PJ12252	PJ	ARR/ARR	IA	0.002	0.70	0.001	0.61					0.000	0.56							0.008	0.54		
424	A00400007240100011661 0 2	PJ12254	PJ	ARR/ARR	IA	0.003	0.67	0.001	0.60	0.004	0.50			0.008	0.54			0.001	0.54			0.026	0.50		
425	A00400007240100011661 0 0	PJ12256	PJ	ARR/ARQ	IA	0.030	0.69	0.017	0.62	0.014	0.50			0.018	0.54							0.051	0.50		
426	A00400007240100011661 0 1	PJ12257	PJ	ARR/ARQ	IA	0.033	0.70	0.020	0.61	0.009	0.54			0.031	0.57			0.027	0.57			0.053	0.54		
427	A00400007240100125446 5 5	PJ12800	PJ	ARR/ARQ	IA	0.027	0.71	0.017	0.64					0.023	0.57			0.018	0.57			0.052	0.54		
428	A00400007240100126198 0 8	PJ13036	PJ	ARR/ARQ		0.023	0.60	0.015	0.55																
429	A00400007240100125446 9 9	PJ13072	PJ	ARR/ARR		0.024	0.61	0.014	0.57																

	LIST DE MORU POSITIVOS PARA CRECIMIENTOS					DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB
Nº	NIE	TATUA	Gan	genotipo	Cub	0-45	0-45	0-45	0-45	0-30	0-30	0-30	0-30	0-75	0-75	0-75	0-75	45-75	45-75	45-75	45-75	30-45	30-45	30-45	30-45
430	A00400007240100002949 07	PR07403	HR	ARR/ARR	MC	0.017	0.62	0.009	0.51			0.005	0.50	0.029	0.70			0.020	0.70			0.083	0.63		
431	A00400007240100038125 45	PR11172	HR	ARR/ARH		0.027	0.60	0.018	0.55																
432	A00400007240100002498 57	PR12602	HR	ARR/ARQ		0.022	0.61	0.015	0.57																
433	A00400007240100030624 19	PR12624	HR	ARR/ARR		0.006	0.59	0.004	0.53																
434	A00400007240100037994 43	PR13505	HR	ARR/ARR	MC									0.001	0.51			0.015	0.51						
435	A00400007240100002521 05	PR13506	CS	ARR/ARH		0.008	0.59	0.005	0.55																
436	A00400007240100037994 42	PR13507	HR	ARR/ARQ	MC	0.028	0.66	0.016	0.59					0.020	0.50			0.008	0.50						
437	A00400007240100037994 62	PR13509	HR	ARR/ARR	MC	0.011	0.63	0.008	0.58																
438	A00400007240100038108 28	PR14402	HR	ARR/ARQ	IA	0.069	0.68	0.039	0.61	0.013	0.50			0.056	0.53			0.023	0.53			0.166	0.50		
439	A00400007240100030628 33	PU62833	PU	ARR/ARQ				0.000	0.54																
440	A00400007240100165351 94	PV14202	PV	ARR/ARR		0.017	0.61	0.010	0.56																
441	A00400007240100165351 93	PV14205	PV	ARR/ARQ		0.036	0.60	0.023	0.54																
442	A00400007240100032653 99	R09001	R	ARR/ARR	IA	0.026	0.69	0.016	0.61	0.002	0.53			0.025	0.56			0.022	0.56			0.035	0.53		
443	A00400007240100038869 78	R10057	R	ARR/ARQ	IA	0.023	0.71	0.013	0.63	0.006	0.54											0.036	0.54		
444	A00400007240100125769 18	R12001	R	ARR/ARR	IA									0.009	0.57			0.027	0.57			0.017	0.55		
445	A00400007240100165296 18	R13063	R	ARR/ARR		0.055	0.60	0.034	0.54																
446	A00400007240100004823 65	RH07042	RH	ARR/ARQ	IA	0.009	0.71	0.006	0.63					0.015	0.57			0.025	0.57			0.012	0.55		
447	A00400007240100037991 22	RH07105	RH	ARR/ARR	IA	0.003	0.70	0.002	0.62					0.000	0.56							0.008	0.54		
448	A00400007241300009485 27	RJ09006	RJ	ARR/ARQ	IA	0.009	0.70	0.006	0.62													0.022	0.53		
449	A00400007241300009485 61	RJ09561	RJ	ARR/ARQ	IA									0.009	0.57			0.010	0.57			0.004	0.55		
450	A00400007241300012142 00	RJ10200	RJ	ARR/ARR	MC	0.032	0.57			0.002	0.57											0.099	0.57		
451	A00400007241300012142 80	RJ10280	RJ	ARR/ARQ	IA	0.021	0.71	0.014	0.64	0.000	0.54			0.017	0.57			0.020	0.57			0.030	0.54		
452	A00400007241300012142 82	RJ10282	RJ	ARR/ARQ	IA									0.012	0.57			0.017	0.57			0.043	0.54		
453	A00400007241300014333 14	RJ12314	RJ	ARR/ARQ		0.018	0.60	0.010	0.55																
454	A00400007241300014333 18	RJ12318	RJ	ARR/ARQ		0.062	0.61	0.036	0.56																
455	A00400007241300015414 87	RJ13002	RJ	ARR/ARQ	MC	0.021	0.64	0.013	0.58																
456	A00400007241300015414 95	RJ13005	RJ	ARR/ARQ		0.048	0.60	0.031	0.55																
457	A00400007241300015414 93	RJ13006	RJ	ARR/ARQ	MC	0.034	0.65	0.020	0.59																
458	A00400007241300015414 91	RJ13008	RJ	ARR/ARR	MC	0.036	0.63	0.022	0.58																
459	A00400007241300015415 00	RJ13906	RJ	ARR/ARR		0.001	0.56	0.000	0.51																
460	A00400007241300015414 96	RJ13907	RJ	ARR/ARR		0.005	0.58	0.004	0.53																
461	A00400007241300015414 98	RJ13913	RJ	ARR/ARR		0.014	0.58	0.010	0.54																
462	A00400007241300015414 97	RJ13914	RJ	ARR/ARR		0.013	0.58	0.008	0.55																
463	A00400007240100032406 67	RM08078	RM	ARR/ARR	IA	0.006	0.70	0.004	0.61					0.009	0.57			0.010	0.57			0.008	0.54		
464	A00400007240100032406 68	RM08079	RM	ARR/ARQ	IA	0.023	0.70	0.014	0.63	0.008	0.54			0.015	0.57			0.002	0.57			0.022	0.54		
465	A00400007240100032406 66	RM08080	RM	ARR/ARQ	IA	0.013	0.70	0.008	0.61					0.011	0.57			0.009	0.57			0.018	0.55		
466	A00400007240100010499 24	RM12002	RM	ARR/ARQ		0.031	0.60	0.020	0.55																
467	A00400007240100125667 48	RM12259	RM1	ARR/ARR		0.017	0.61	0.010	0.56																
468	A00400007240100030447 96	RR09126	RR	ARR/ARQ	IA	0.011	0.72	0.007	0.64					0.022	0.57			0.028	0.57			0.033	0.54		

	LIST DE MORU POSITIVOS PARA CRECIMIENTOS					DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB
Nº	NIE	TATUA	Gan	genotipo	Cub	0-45	0-45	0-45	0-45	0-30	0-30	0-30	0-30	0-75	0-75	0-75	0-75	45-75	45-75	45-75	45-75	30-45	30-45	30-45	30-45
469	A00400007240100125143 82	RR11145	LM	ARR/ARR		0.028	0.60	0.018	0.54																
470	A00400007240100125143 83	RR11148	RR	ARR/ARQ		0.037	0.60	0.023	0.54																
471	A00400007240100126417 05	RR13105	RR	ARR/ARQ		0.029	0.61	0.017	0.56																
472	A00400007240100126417 41	RR13107	RR	ARR/ARQ		0.015	0.60	0.009	0.56																
473	A00400007240100126417 04	RR13111	RR	ARR/ARQ		0.010	0.60	0.006	0.55																
474	A00400007240100126417 10	RR13114	RR	ARR/ARR		0.011	0.60	0.005	0.56																
475	A00400007240100021747 11	SA10032	SA	ARR/ARQ		0.005	0.52							0.014	0.61			0.010	0.61			0.023	0.52		
476	A00400007240100021747 16	SA10038	SA	ARR/ARR		0.011	0.50			0.015	0.54			0.012	0.58			0.004	0.58						
477	A00400007240100021747 13	SA10039	SA	ARR/ARQ		0.009	0.50			0.011	0.52					0.001	0.51			0.024	0.51				
478	A00400007240100125140 32	SA12003	SA	ARR/ARQ		0.016	0.61	0.009	0.57																
479	A00400007240100125140 34	SA12005	SA	ARR/ARQ	MC					0.009	0.50							0.007	0.54						
480	A00400007240100126476 53	SA13010	SA	ARR/ARQ	IA									0.015	0.57			0.033	0.57			0.002	0.54		
481	A00400007240100126476 50	SA13013	SA	ARR/ARR														0.027	0.53						
482	A00400007240100126835 85	SA14001	SA	ARR/ARR	IA	0.069	0.70	0.039	0.63	0.021	0.51			0.057	0.55			0.025	0.55			0.143	0.51		
483	A00400007240100126835 86	SA14002	SA	ARR/ARQ	IA	0.029	0.72	0.017	0.64	0.001	0.55			0.028	0.57			0.018	0.57			0.063	0.55		
484	A00400007240100126835 87	SA14003	SA	ARR/ARR	IA	0.034	0.70	0.020	0.61	0.004	0.54			0.039	0.57			0.038	0.57			0.067	0.54		
485	A00400007240100126835 88	SA14004	SA	ARR/ARQ	IA	0.022	0.70	0.013	0.63	0.000	0.54			0.028	0.57			0.025	0.57			0.057	0.54		
486	A00400007240100126835 89	SA14005	SA	ARR/ARR	IA	0.037	0.68	0.022	0.60	0.009	0.51			0.018	0.54							0.066	0.51		
487	A00400007240100009773 67	SB08078	SB	ARR/ARR	IA	0.021	0.71	0.013	0.63	0.001	0.55			0.023	0.57			0.025	0.57			0.033	0.55		
488	A00400007240100125219 95	SB11001	SB	ARR/ARQ		0.016	0.52			0.019	0.50			0.008	0.55							0.011	0.50		
489	A00400007240100125219 99	SB11005	SB	ARR/ARR	IA	0.009	0.70	0.004	0.63	0.001	0.53											0.051	0.53		
490	A00400007240100125220 01	SB11099	SB	ARR/AHQ										0.023	0.55			0.009	0.55						
491	A00400007240100001749 39	SB12041	SB	ARR/ARQ	IA	0.034	0.71	0.020	0.63	0.008	0.54			0.034	0.57			0.026	0.57			0.062	0.54		
492	A00400007240100038205 40	SB12054	SB	ARR/ARQ	IA	0.032	0.71	0.020	0.64	0.002	0.54			0.028	0.57			0.026	0.57			0.054	0.54		
493	A00400007240100001989 96	SB13001	SB	ARQ/AHQ	MC	0.034	0.62	0.021	0.57																
494	A00400007240100126866 67	SB14111	SB	ARR/ARQ	IA	0.052	0.70	0.031	0.62	0.003	0.52			0.037	0.55			0.023	0.55			0.111	0.52		
495	A00400007240100126866 69	SB14112	SB	ARR/ARQ		0.032	0.60	0.020	0.55																
496	A00400007240100126866 72	SB14113	SB	ARR/ARQ	IA	0.038	0.67	0.021	0.60					0.040	0.53			0.046	0.53						
497	A00400007240100126866 70	SB14114	SB	ARR/ARQ		0.006	0.60	0.004	0.55																
498	A00400007240100126866 68	SB14115	SB	ARR/ARQ	IA	0.013	0.71	0.007	0.63	0.001	0.54			0.006	0.57							0.048	0.54		
499	A00400007240100021993 72	SC09001	VI	ARR/ARR	IA	0.008	0.64	0.004	0.59																
500	A00400007240100038118 55	SC11004	SC	ARR/ARR	IA	0.032	0.70	0.018	0.58	0.003	0.68			0.025	0.73			0.001	0.73			0.072	0.68		
501	A00400007240100037438 57	SC11053	HS	ARR/ARH		0.036	0.55			0.006	0.52			0.015	0.54							0.074	0.52		
502	A00400007240100038194 77	SC12001	ANC	ARR/ARR	IA	0.043	0.89	0.024	0.73			0.019	0.72	0.039	0.91			0.018	0.91			0.219	0.88		
503	A00400007240100038197 09	SC12002	HS	ARR/ARQ	IA	0.032	0.71	0.018	0.64					0.028	0.57			0.014	0.57			0.080	0.54		
504	A00400007240100038194 78	SC12003	ANC	ARR/ARR	MC	0.105	0.85	0.059	0.70	0.008	0.85			0.100	0.86			0.063	0.86			0.299	0.85		
505	A00400007240100038197 10	SC12006	SC	ARR/ARR		0.089	0.60	0.055	0.54																
506	A00400007240100038205 08	SC12032	SC	ARR/ARH		0.050	0.61	0.032	0.57																
507	A00400007240100002525 28	SC13004	ANC	ARR/ARR	MC	0.001	0.65	0.001	0.60																

Nº	LIST DE MORU POSITIVOS PARA CRECIMIENTOS NIE	TATUA	Gan	genotipo	Cub	DIRE 0-45	FIAB 0-45	MAT 0-45	FIAB 0-45	DIRE 0-30	FIAB 0-30	MAT 0-30	FIAB 0-30	DIRE 0-75	FIAB 0-75	MAT 0-75	FIAB 0-75	DIRE 45-75	FIAB 45-75	MAT 45-75	FIAB 45-75	DIRE 30-45	FIAB 30-45	MAT 30-45	FIAB 30-45
508	A004000072401000025252 6	SC13006	ANC	ARR/ARR	MC	0.013	0.65	0.007	0.60																
509	A004000072401001266176 6	SC14001	SC	ARR/ARR	IA	0.019	0.72	0.012	0.65					0.015	0.57			0.010	0.57			0.063	0.55		
510	A004000072401001266176 7	SC14004	SC	ARR/ARR	IA	0.023	0.71	0.013	0.64					0.019	0.57			0.002	0.57			0.094	0.54		
511	A004000072401001266176 8	SC14005	SC	ARR/ARR	IA	0.041	0.70	0.025	0.63					0.025	0.55			0.012	0.55			0.115	0.52		
512	A004000072401001266176 9	SC14006	SC	ARR/ARR	IA	0.033	0.70	0.020	0.63					0.019	0.55			0.012	0.55			0.102	0.52		
513	A004000072401000048252 6	SD08001	SD	ARR/ARQ	IA									0.000	0.57			0.006	0.57						
514	A004000072401000374877 5	SG10314	PJ1	ARR/ARQ	IA	0.026	0.67	0.015	0.60	0.006	0.53			0.025	0.55			0.021	0.55			0.046	0.53		
515	A004000072401000116617 3	SG10318	PJ1	ARR/ARQ	IA	0.007	0.67	0.004	0.59					0.006	0.54			0.006	0.54			0.012	0.52		
516	A004000072401000374877 4	SG10320	SG2	ARR/ARR	IA	0.015	0.70	0.009	0.61	0.001	0.54			0.027	0.57			0.035	0.57			0.040	0.54		
517	A004000072401000310316 8	SG10323	PJ1	ARR/ARR	IA									0.009	0.54			0.022	0.54			0.022	0.52		
518	A004000072401000310314 8	SG10604	SG	ARR/ARR		0.025	0.51			0.038	0.53			0.019	0.56			0.018	0.56						
519	A004000072401000024954 6	SG12001	SG	ARR/ARQ	IA	0.037	0.68	0.022	0.60	0.019	0.51			0.026	0.54			0.003	0.54			0.043	0.51		
520	A004000072401000024954 4	SG12002	SG	ARR/ARQ	IA	0.015	0.72	0.008	0.64	0.001	0.55			0.022	0.57			0.013	0.57			0.048	0.55		
521	A004000072401000024954 5	SG12008	SG	ARR/ARQ		0.051	0.61	0.032	0.56																
522	A004000072401001251418 1	SG12214	SG2	ARR/ARR		0.020	0.53			0.015	0.55			0.024	0.59			0.022	0.59			0.032	0.53		
523	A004000072401001263633 5	SG13700	SG	ARR/ARH	IA	0.032	0.70	0.018	0.62	0.002	0.53			0.030	0.56			0.010	0.56			0.087	0.53		
524	A004000072401001263633 7	SG13703	SG	ARR/ARR	IA	0.032	0.70	0.019	0.61	0.002	0.54			0.031	0.57			0.023	0.57			0.070	0.54		
525	A004000072401000025211 1	SG13705	CS	ARR/ARQ	IA	0.019	0.66	0.010	0.58					0.021	0.54			0.006	0.54			0.067	0.52		
526	A004000072401000025211 0	SG13709	CS	ARR/ARQ		0.021	0.59	0.012	0.54																
527	A004000072401000025211 4	SG13750	CS	ARR/ARQ	IA	0.032	0.62	0.017	0.54					0.037	0.52			0.024	0.52						
528	A004000072401000025186 3	SG13753	SG2	ARQ/AHQ		0.005	0.60	0.004	0.55																
529	A004000072401000017662 5	SG13755	TS	ARR/ARQ		0.008	0.60	0.005	0.54																
530	A004000072401000017913 3	SG14003	SG2	ARR/ARR		0.030	0.59	0.020	0.55																
531	A004000072401000017913 1	SG14005	SG2	ARR/ARR		0.012	0.59	0.009	0.54																
532	A004000072401001267886 6	SG14032	SG2	ARR/ARQ		0.018	0.60	0.011	0.55																
533	A004000072401001267887 1	SG14436	SG	ARR/ARQ	IA	0.039	0.70	0.023	0.62	0.002	0.52			0.040	0.55			0.045	0.55			0.097	0.52		
534	A004000072401000380142 9	TO10100	TO	ARR/ARR	IA									0.005	0.51			0.014	0.51						
535	A004000072401000380142 9	TO10100	TO	ARR/ARR	IA	0.005	0.71	0.003	0.63					0.018	0.57			0.031	0.57			0.004	0.54		
536	A004000072401000018714 3	TO13002	HS1	ARR/ARQ	MC	0.016	0.63	0.009	0.58																
537	A004000072401001260694 1	TS13264	TS	ARR/ARQ		0.002	0.60	0.001	0.55																
538	A004000072401001260719 6	TS13306	TS	ARR/ARQ		0.017	0.60	0.010	0.55																
539	A004000072413000153914 0	UC13139	UC	ARR/ARQ		0.074	0.59	0.046	0.54																
540	A004000072413000144482 3	UW12412	UW	ARR/ARQ		0.002	0.60	0.001	0.54																
541	A004000072401000029775 6	VC07341	VC	ARR/ARQ	IA	0.014	0.69	0.009	0.61	0.001	0.53			0.023	0.56			0.028	0.56			0.026	0.53		
542	A004000072407000064922 8	VC07347	VN	ARR/ARQ	IA	0.005	0.69	0.004	0.62					0.016	0.55			0.029	0.55			0.013	0.53		
543	A004000072407000064923 0	VC07352	VN	ARR/ARQ	IA	0.008	0.70	0.004	0.62					0.022	0.57			0.033	0.57			0.031	0.54		
544	A004000072401000029775 5	VC07355	TS	ARR/ARQ	IA									0.012	0.55			0.024	0.55			0.018	0.53		
545	A004000072401000043352 6	VC08038	TS	ARR/ARR	IA	0.016	0.69	0.010	0.61					0.020	0.57			0.028	0.57			0.018	0.54		
546	A004000072401000043352 8	VC08045	VC	ARR/ARR	IA	0.015	0.60	0.009	0.54	0.000	0.55			0.016	0.50			0.019	0.50						

	LIST DE MORU POSITIVOS PARA CRECIMIENTOS					DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB
Nº	NIE	TATUA	Gan	genotipo	Cub	0-45	0-45	0-45	0-45	0-30	0-30	0-30	0-30	0-75	0-75	0-75	0-75	45-75	45-75	45-75	45-75	30-45	30-45	30-45	30-45
547	A0040000724010000488726	VC08264	TS	ARR/ARQ	IA									0.006	0.55			0.016	0.55			0.005	0.53		
548	A0040000724010000487522	VC08502	RJ	ARR/ARR	IA											0.008	0.52			0.009	0.52				
549	A0040000724010000487582	VC09196	VC	ARR/ARR	IA	0.005	0.71	0.001	0.64	0.002	0.54			0.018	0.57			0.016	0.57			0.021	0.54		
550	A0040000724010002232243	VJ09096	ZF	ARR/AHQ		0.005	0.64	0.003	0.53			0.006	0.50	0.004	0.69			0.016	0.69			0.022	0.62		
551	A0040000724010002232293	VJ10074	VJ	ARR/ARQ		0.006	0.67	0.003	0.56	0.039	0.72					0.013	0.66			0.042	0.66			0.019	0.53
552	A0040000724010003743920	VJ11401	VJ	ARR/ARR						0.004	0.55					0.008	0.55			0.009	0.55				
553	A0040000724010003743927	VJ11407	VJ	ARR/ARR		0.057	0.72	0.032	0.59	0.032	0.72			0.026	0.78					0.017	0.70	0.110	0.71		
554	A0040000724010003743910	VJ11721	UN	ARR/ARQ		0.007	0.55	0.005	0.51																
555	A0040000724010003819480	VJ12509	VJ	ARR/ARR		0.004	0.61	0.003	0.57																
556	A0040000724010000178149	VJ13007	VJ	ARR/ARQ	MC	0.060	0.65	0.036	0.58					0.022	0.51										
557	A0040000724010000178152	VJ13012	VJ	ARR/ARR	MC	0.018	0.65	0.012	0.59																
558	A0040000724010000178150	VJ13013	VJ	ARR/ARR	MC	0.055	0.65	0.033	0.58					0.025	0.51										
559	A0040000724010012678622	VJ14003	VJ	ARR/ARR		0.008	0.60	0.005	0.54																
560	A0040000724130000942039	VL09027	VL	ARR/ARQ	IA	0.008	0.71	0.005	0.63	0.004	0.54			0.015	0.57			0.011	0.57			0.013	0.54		
561	A0040000724130000942040	VL09029	VL	ARR/ARR	IA	0.016	0.71	0.010	0.64	0.003	0.54			0.014	0.57			0.000	0.57			0.018	0.54		
562	A0040000724130001231415	VL10001	VL	ARR/ARR	IA									0.004	0.56			0.010	0.56			0.025	0.54		
563	A0040000724130001231468	VL10003	VL	ARR/ARQ	IA	0.008	0.69	0.005	0.61					0.015	0.56			0.017	0.56			0.032	0.54		
564	A0040000724130001443629	VL12022	VL	ARR/ARQ		0.005	0.61	0.003	0.57																
565	A0000000964000002644493	VS05090	VS	ARR/ARQ	IA	0.005	0.70	0.003	0.62																
566	A0040000724130000725083	VS06099	VS	ARR/ARR	IA									0.002	0.57	0.001	0.50	0.015	0.57			0.002	0.55		
567	A0040000724130000725084	VS06101	VS	ARR/ARQ		0.005	0.61	0.003	0.58																
568	A0040000724130001211043	VS11009	VS	ARR/ARQ	IA									0.009	0.56			0.014	0.56			0.017	0.54		
569	A0040000724130001211073	VS11025	VS	ARR/ARQ	IA	0.004	0.70	0.001	0.62					0.017	0.56			0.023	0.56			0.021	0.54		
570	A0040000724130001211074	VS11026	VS	ARR/ARQ	IA									0.007	0.56			0.015	0.56			0.021	0.54		
571	A0040000724130001211075	VS11027	VS	ARR/ARQ	IA	0.023	0.69	0.014	0.61	0.003	0.54			0.029	0.56			0.034	0.56			0.036	0.54		
572	A0040000724130001211076	VS11028	VS	ARR/ARR	IA									0.013	0.56			0.019	0.56			0.038	0.54		
573	A0040000724130001211077	VS11029	VS	ARR/ARQ	IA									0.005	0.56			0.013	0.56			0.022	0.54		
574	A0040000724130001211078	VS11030	VS	ARR/ARQ	IA	0.000	0.71			0.000	0.54			0.015	0.56			0.021	0.56			0.013	0.54		
575	A0040000724130001211079	VS11031	VS	ARR/ARQ	IA	0.004	0.71	0.000	0.63	0.011	0.54			0.017	0.57			0.009	0.57			0.026	0.54		
576	A0040000724130001211081	VS11033	VS	ARR/ARR	IA	0.011	0.69	0.007	0.61					0.021	0.56			0.027	0.56			0.044	0.54		
577	A0040000724130001211082	VS11034	VS	ARR/ARQ	IA									0.004	0.56			0.008	0.56			0.005	0.54		
578	A0040000724130001211205	VS12121	VS	ARQ/AHQ		0.076	0.60	0.047	0.54																
579	A0040000724130001211203	VS12124	VS	ARR/AHQ		0.037	0.60	0.023	0.55																
580	A0040000724130001211207	VS12126	VS	ARR/ARQ	IA	0.011	0.71	0.007	0.64					0.019	0.57			0.017	0.57			0.049	0.54		
581	A0040000724130001211208	VS12127	VS	ARR/ARQ	IA	0.004	0.70	0.001	0.61					0.022	0.57			0.027	0.57			0.045	0.54		
582	A0040000724130001211209	VS12128	VS	ARR/ARR	IA									0.010	0.56			0.009	0.56			0.002	0.54		
583	A0040000724130001211210	VS12129	VS	ARR/ARQ	IA	0.000	0.70			0.001	0.54			0.005	0.56										
584	A0040000724130001211211	VS12130	VS	ARR/ARQ	IA									0.009	0.57			0.003	0.57			0.048	0.54		
585	A0040000724130001211261	VS12180	VS	ARR/ARQ	IA									0.009	0.57			0.007	0.57			0.040	0.54		

	LIST DE MORU POSITIVOS PARA CRECIMIENTOS					DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB
Nº	NIE	TATUA	Gan	genotipo	Cub	0-45	0-45	0-45	0-45	0-30	0-30	0-30	0-30	0-75	0-75	0-75	0-75	45-75	45-75	45-75	45-75	30-45	30-45	30-45	30-45
586	A00400007240100006434 07	XJ07002	XJ	ARR/ARH	IA	0.004	0.71	0.002	0.63					0.009	0.57			0.006	0.57			0.016	0.54		
587	A00400007240100010432 44	XJ09032	XJ	ARR/ARR	IA	0.009	0.70	0.005	0.63	0.001	0.54			0.016	0.56			0.022	0.56			0.017	0.54		
588	A00400007240100010533 25	XJ10004	XJ	ARR/ARR	IA	0.004	0.70	0.002	0.62					0.014	0.56			0.020	0.56			0.034	0.54		
589	A00400007240100125617 65	XJ12091	XJ	ARR/ARQ		0.005	0.60	0.003	0.54																
590	A00400007240100125617 66	XJ12092	XJ	ARR/ARR	IA	0.048	0.71	0.030	0.63					0.021	0.57							0.093	0.54		
591	A00400007240100002365 30	XP07105	HS	ARR/ARQ		0.000	0.61	0.002	0.57																
592	A00400007240100004826 22	XP08003	XP	ARR/ARQ		0.032	0.64	0.018	0.53	0.002	0.63			0.025	0.72					0.005	0.64	0.099	0.63		
593	A00400007240100022495 06	XP10002	XP	ARR/ARQ	IA	0.022	0.74	0.012	0.61	0.006	0.73			0.019	0.80			0.022	0.80			0.028	0.73		
594	A00400007240100022495 07	XP10005	XP	ARR/ARR		0.037	0.74	0.021	0.61	0.005	0.73			0.022	0.80					0.002	0.71	0.082	0.72		
595	A00400007240100030433 60	XP10008	XP	ARR/ARQ		0.068	0.70	0.038	0.58	0.025	0.69			0.066	0.77			0.029	0.77			0.163	0.69		
596	A00400007240100030433 52	XP10010	XP	ARR/ARQ		0.004	0.57			0.011	0.57			0.002	0.66					0.013	0.59	0.006	0.57		
597	A00400007240100030433 51	XP10012	XP	ARR/ARQ		0.039	0.67	0.022	0.55	0.012	0.66			0.029	0.73					0.001	0.65	0.097	0.64		
598	A00400007240100038201 57	XP12601	HS3	ARR/ARQ		0.019	0.61	0.012	0.56																
599	A00400007240100038201 52	XP12607	HS3	ARR/ARQ		0.012	0.61	0.006	0.56																
600	A00400007240100125229 52	XP12608	XP	ARR/ARR		0.001	0.61	0.001	0.56																
601	A00400007240100125229 53	XP12611	XP	ARR/ARR		0.000	0.61																		
602	A00400007240100038201 58	XP12612	HS3	ARR/ARQ		0.031	0.61	0.019	0.56																
603	A00400007240100002541 71	XP13501	ANC	ARR/ARR		0.015	0.64	0.009	0.57					0.011	0.50			0.013	0.50						
604	A00400007240100125229 59	XP13503	XP	ARR/ARQ	MC	0.051	0.65	0.030	0.58					0.037	0.51			0.009	0.51						
605	A00400007240100125229 60	XP13504	XP	ARR/ARQ	MC	0.036	0.66	0.022	0.59					0.022	0.52			0.010	0.52						
606	A00400007240100125229 58	XP13505	XP	ARR/ARR	IA	0.065	0.70	0.038	0.62	0.010	0.52			0.064	0.56			0.056	0.56			0.129	0.52		
607	A00400007240100126352 89	XP14029	XP	ARR/AHQ	IA	0.027	0.70	0.016	0.63					0.028	0.54			0.032	0.54			0.094	0.50		
608	A00400007240100126352 90	XP14033	XP	ARR/ARR	IA	0.019	0.71	0.012	0.63					0.024	0.57			0.036	0.57			0.056	0.54		
609	A00400007241300005787 83	Z07001	UZ	ARR/ARQ	IA	0.012	0.61	0.008	0.53	0.001	0.52			0.013	0.53			0.014	0.53			0.010	0.52		
610	A00400007241300005787 84	Z07004	UZ	ARR/ARQ	IA													0.000	0.53			0.008	0.52		
611	A00400007240100000252 07	Z08081	Z	ARR/ARR								0.005	0.69			0.006	0.78			0.020	0.78	0.007	0.85		
612	A00400007240100000213 068	Z08085	VG	ARR/ARQ	MC	0.009	0.67	0.005	0.55	0.011	0.66			0.011	0.73					0.007	0.65	0.025	0.65		
613	A00400007240100000213 074	Z08086	VG	ARR/ARQ	IA									0.006	0.50			0.011	0.50			0.010	0.50		
614	A00400007240100000252 66	Z08089	Z	ARR/ARQ	MC							0.002	0.65	0.004	0.85					0.002	0.76			0.001	0.65
615	A00400007240100000213 070	Z08200	VG	ARR/ARR		0.014	0.57			0.005	0.59					0.004	0.60			0.028	0.60	0.029	0.59		
616	A00400007240100022034 79	Z09004	Z	ARR/ARQ	MC													0.000	0.52						
617	A00400007240100022034 79	Z09004	Z	ARR/ARQ	MC	0.017	0.69	0.010	0.57	0.005	0.70			0.021	0.73			0.032	0.73			0.034	0.69		
618	A00400007241300010386 83	Z09032	LI	ARR/ARQ	IA									0.004	0.57			0.000	0.57	0.000	0.50	0.021	0.54		
619	A00400007240100030901 24	Z10036	Z	ARR/ARR		0.012	0.56			0.007	0.55			0.003	0.62					0.013	0.55	0.000	0.55		
620	A00400007240100001797 56	Z10056	PS	ARR/ARQ		0.007	0.52			0.013	0.57			0.042	0.61			0.057	0.61			0.025	0.52		
621	A00400007240100004238 35	Z10098	Z	ARR/ARQ										0.002	0.68			0.017	0.68						
622	A00400007240100001797 61	Z11121	Z	ARR/ARR	MC	0.031	0.51			0.005	0.50			0.020	0.59					0.006	0.52	0.073	0.50		
623	A00400007240100001797 58	Z11122	Z	ARR/ARR	MC	0.006	0.64	0.004	0.59																
624	A00400007240100001797 59	Z11125	Z	ARR/ARR	MC	0.031	0.57			0.005	0.57			0.010	0.61					0.016	0.54	0.085	0.57		

Nº	LIST DE MORU POSITIVOS PARA CRECIMIENTOS					DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB	DIRE	FIAB	MAT	FIAB
	NIE	TATUA	Gan	genotipo	Cub	0-45	0-45	0-45	0-45	0-30	0-30	0-30	0-30	0-75	0-75	0-75	0-75	45-75	45-75	45-75	45-75	30-45	30-45	30-45	30-45
625	A004000072401000017976 4	Z11126	ANC	ARR/ARR		0.058	0.92	0.033	0.76			0.008	0.75	0.045	0.93			0.028	0.93			0.199	0.92		
626	A004000072401000381968 2	Z12501	Z	ARR/ARR	MC	0.032	0.65	0.019	0.58					0.028	0.50			0.009	0.50						
627	A004000072401000381968 1	Z12505	PS	ARR/ARQ	MC									0.029	0.55			0.001	0.55						
628	A004000072401000042406 5	Z12519	Z	ARR/ARR	MC	0.020	0.64	0.016	0.59																
629	A004000072401001262438 0	Z13608	NA1	ARR/ARR	MC	0.000	0.63																		
630	A004000072401001262388 5	Z13610	NA1	ARR/ARR	MC	0.024	0.62	0.014	0.56																
631	A004000072401001305453 3	Z13611	Z	ARR/ARR	MC	0.030	0.64	0.019	0.58																
632	A004000072401001305453 5	Z13612	Z	ARR/ARR	MC	0.023	0.64	0.013	0.59																
633	A004000072413000089014 9	ZA07150	ZA	ARR/ARR	IA									0.004	0.57			0.017	0.57			0.002	0.54		
634	A004000072413000089014 8	ZA07151	ZA	ARR/ARQ	IA	0.016	0.70	0.010	0.61	0.000	0.54			0.020	0.57			0.027	0.57			0.015	0.54		
635	A004000072413000089014 7	ZA07153	ZA	ARR/AHQ	IA	0.013	0.70	0.008	0.61	0.006	0.54			0.012	0.57			0.007	0.57						
636	A004000072413000061683 7	ZA11037	ZA	ARR/ARQ	IA	0.025	0.71	0.014	0.63	0.008	0.54			0.036	0.57			0.044	0.57			0.042	0.54		
637	A004000072413000061683 9	ZA11039	ZA	ARR/ARR	IA	0.032	0.71	0.019	0.64	0.005	0.55			0.032	0.57			0.033	0.57			0.049	0.55		
638	A004000072413000123102 1	ZA11068	ZA	ARR/ARQ		0.045	0.59	0.028	0.54																
639	A004000072413000056464 5	ZF06116	ZF	ARR/ARQ	IA	0.005	0.72	0.002	0.65	0.001	0.55			0.016	0.57			0.024	0.57			0.018	0.55		
640	A004000072413000056538 1	ZF07111	ZF	ARR/ARQ	IA	0.007	0.70	0.004	0.62					0.015	0.56			0.015	0.56			0.013	0.53		
641	A004000072413000056537 8	ZF07114	ZF	ARR/ARR		0.005	0.75	0.003	0.62			0.004	0.62	0.009	0.73			0.013	0.73			0.035	0.75		
642	A004000072413000094087 4	ZF08078	ZF	ARR/ARR	IA	0.007	0.57			0.007	0.56			0.007	0.65			0.009	0.65			0.000	0.56		
643	A004000072413000094087 4	ZF08078	ZF	ARR/ARR	IA	0.017	0.70	0.010	0.61					0.022	0.57			0.012	0.57			0.031	0.54		
644	A004000072413000076231 2	ZF10198	ZF	ARR/ARQ	IA	0.023	0.71	0.014	0.63					0.025	0.56			0.031	0.56			0.046	0.54		
645	A004000072413000076231 1	ZF10202	ZF	ARR/AHQ	MC	0.014	0.63	0.008	0.56																
646	A004000072413000065492 4	ZF11071	RB	ARR/ARQ		0.007	0.52																		
647	A004000072413000065492 1	ZF11072	RB	ARR/ARR		0.003	0.52																		
648	A004000072413000070650 9	ZF11080	ZF	ARR/ARR		0.004	0.61	0.001	0.56																