

PFC	Frog B	Coelacanth B	Human B	Bichir B	Zebrafish Ba	Medaka Ba	Tetraodon Ba	Zebrafish Bb	Medaka Bb	Tetraodon Bb
1					DreBA _{AC} 1		TniBA _{AC} 1			
2				PseB _{AC} 2			TniBA _{AC} 2			
3				PseB _{AC} 3		OlaBA _{AC} 3				
4				PseB _{AC} 4			TniBA _{AC} 4			
5						OlaBA _{CG} 5	TniBA _{CG} 5			
6					DreBA _{FG} 6	OlaBA _{CG} 6				
7						OlaBA _{CG} 7	TniBA _{CG} 7			
8					DreBA _{CF} 8		TniBA _{CG} 8			
9					DreBA _{CF} 9		TniBA _{CG} 9			
10					DreBA _{CF} 10		TniBA _{CG} 10			
11					DreBA _{CF} 11		TniBA _{CG} 11			
12					DreBA _{CF} 12	OlaBA _{CG} 12				
13						OlaBA _{CG} 13	TniBA _{CG} 13			
14						OlaBA _{CG} 14	TniBA _{CG} 14			
15						OlaBA _{CG} 15	TniBA _{CG} 15			
16				PseB _{CF} 16		OlaBA _{CG} 16				
17				PseB _{CF} 17	DreBA _{CF} 17					
18				PseB _{CF} 18		OlaBA _{CG} 18				
19				PseB _{CF} 19	DreBA _{CF} 19					
20				PseB _{CF} 20	DreBA _{CF} 20					
21				PseB _{FH} 21		OlaBA _{CG} 21				
22	XtrB _{CG} 22		HsaB _{CG} 22							
23		LmeB _{CF} 23	HsaB _{CG} 23							
24		LmeB _{CF} 24	HsaB _{CG} 24							
25		LmeB _{CF} 25	HsaB _{CG} 25							
26		LmeB _{CF} 26	HsaB _{CG} 26							
27					DreBA _{FG} 27		TniBA _{CG} 27			
28			HsaB _{CG} 28				TniBA _{CG} 28			
29		LmeB _{CF} 29	HsaB _{CG} 29							
30			HsaB _{CG} 30			OlaBA _{CG} 30				
31		LmeB _{CF} 31	HsaB _{CG} 31							
32		LmeB _{CF} 32	HsaB _{CG} 32							
33		LmeB _{FG} 33	HsaB _{CG} 33							
34		LmeB _{CF} 34	HsaB _{CG} 34							
35	XtrB _{CG} 35		HsaB _{CG} 35							
36	XtrB _{CG} 36		HsaB _{CG} 36							
37	XtrB _{CG} 37		HsaB _{CG} 37							
38	XtrB _{CG} 38		HsaB _{CG} 38							
39						OlaBA _{GH} 39	TniBA _{GH} 39			
40					DreBA _{GH} 40	OlaBA _{GH} 40				
42				PseB _{FH} 42		OlaBA _{GH} 42				
43			HsaB _{GH} 43			OlaBA _{GH} 43				
44			HsaB _{GH} 44				TniBA _{GH} 44			
45			HsaB _{GH} 45		DreBA _{GH} 45	OlaBA _{GH} 45	TniBA _{GH} 45			
46			HsaB _{GH} 46		DreBA _{GH} 46					
47					DreBA _{GH} 47		TniBA _{GH} 47			
48					DreBA _{GH} 48	OlaBA _{GH} 48				
49			HsaB _{GH} 49	PseB _{FH} 49						
50	XtrB _{GH} 50 _{abcdef}	LmeB _{GH} 50 _{abc}	HsaB _{GH} 50 _{abcdef}	PseB _{FH} 50 _{abef}	DreBA _{GH} 50 _{bcf}					
51	XtrB _{GH} 51 _{ab}	LmeB _{GH} 51 _{abcd}	HsaB _{GH} 51 _{abc}	PseB _{FH} 51 _{abcd}	DreBA _{GH} 51 _{bed}					
52	XtrB _{GH} 52 _{bcde}	LmeB _{GH} 52 _{abcde}	HsaB _{GH} 52 _{bcde}	PseB _{FH} 52 _{acd}	DreBA _{GH} 52 _{acd}					
53						OlaBA _{GH} 53	TniBA _{GH} 53			
54						OlaBA _{HJ} 54	TniBA _{HJ} 54			
55					DreBA _{HJ} 55		TniBA _{HJ} 55			
56					DreBA _{HJ} 56		TniBA _{HJ} 56			
57			HsaB _{HJ} 57			OlaBA _{HJ} 57				
58				PseB _{HJ} 58			TniBA _{HJ} 58			
59				PseB _{HJ} 59				DreBB _{HJ} 59		
60	XtrB _{HJ} 60 _a	LmeB _{HJ} 60 _{ab}	HsaB _{HJ} 60 _a	PseB _{HJ} 60 _{ab}	DreBA _{HJ} 60 _{ab}	OlaBA _{HJ} 60 _{ab}				
61				PseB _{HJ} 61				DreBB _{HJ} 61		
62		LmeB _{HJ} 62 _{abc}	HsaB _{HJ} 62 _{abc}	PseB _{HJ} 62 _{abc}	DreBA _{HJ} 62 _b					
63		LmeB _{HJ} 63 _{ab}	HsaB _{HJ} 63 _{ab}	PseB _{HJ} 63 _{ab}	DreBA _{HJ} 63 _b					
64			HsaB _{HJ} 64					DreBB _{HJ} 64		
65	XtrB _{HJ} 65 _{abc}	LmeB _{HJ} 65 _{abcd}	HsaB _{HJ} 65 _{abcd}		DreBA _{HJ} 65 _{abcd}	OlaBA _{HJ} 65 _{bc}			DreBB _{HJ} 65 _{cd}	
66		LmeB _{HJ} 66	HsaB _{HJ} 66							
67					DreBA _{HJ} 67		TniBA _{HJ} 67			
68					DreBA _{HJ} 68		TniBA _{HJ} 68			
69					DreBA _{HJ} 69		TniBA _{HJ} 69			
70	XtrB _{HJ} 70 _{ab}	LmeB _{HJ} 70 _{ab}	HsaB _{HJ} 70 _{ab}		DreBA _{HJ} 70 _{ab}	OlaBA _{HJ} 70 _{ab}	TniBA _{HJ} 70 _{ab}	DreBB _{HJ} 70 _b	OlaBB _{HJ} 70 _b	TniBB _{HJ} 70 _b

71		LmeB _{IJ} 71	HsaB _{IJ} 71							
72									OlaBB _{JK} 72	TniBB _{JK} 72
73									OlaBB _{JK} 73	TniBB _{JK} 73
74									OlaBB _{JK} 74	TniBB _{JK} 74
75						OlaBA _{JK} 75	TniBA _{JK} 75			
76						OlaBA _{JK} 76	TniBA _{JK} 76			
77					DreBA _{JK} 77		TniBA _{JK} 77			
78				PseB _{IK} 78					OlaBB _{JK} 78	
79	XtrB _{JK} 79 _{ab}	LmeB _{JK} 79 _{abc}	HsaB _{JK} 79 _{abc}	PseB _{IK} 79 _{abc}	DreBA _{JK} 79 _{bc}			DreBB _{JK} 79 _{bc}	OlaBB _{JK} 79 _{abc}	TniBB _{JK} 79 _{abc}
80		LmeB _{JK} 80	HsaB _{KL} 80							
81									OlaBB _{KM} 81	TniBB _{KM} 81
82									OlaBB _{KM} 82	TniBB _{KM} 82
83				PseB _{KL} 83	DreBA _{KL} 83					
84			HsaB _{KL} 84	PseB _{KL} 84						
85				PseB _{KL} 85	DreBA _{KL} 85					
86				PseB _{KL} 86	DreBA _{KL} 86					
87	XtrB _{KL} 87 _{bcdef}	LmeB _{KL} 87 _{acdef}	HsaB _{KL} 87 _{abcdef}	PseB _{KL} 87 _{abcdef}	DreBA _{KL} 87 _{abcdef}	OlaBA _{KL} 87 _{bcdef}	TniBA _{KL} 87 _{bcdef}	DreBB _{KO} 87 _{df}	OlaBB _{KM} 87 _{de}	TniBB _{KM} 87 _{de}
88			HsaB _{KL} 88					DreBB _{KO} 88		
89			HsaB _{KL} 89	PseB _{KL} 89						
90		LmeB _{KL} 90 _{abcd}	HsaB _{KL} 90 _{abcd}	PseB _{KL} 90 _{abcd}	DreBA _{KL} 90 _b			DreBB _{KO} 90 _{abcd}	OlaBB _{KM} 90 _{abc}	TniBB _{KM} 90 _{bc}
91				PseB _{KL} 91	DreBA _{KL} 91	OlaBA _{KL} 91	TniBA _{KL} 91			
92								DreBB _{KO} 92	OlaBB _{KM} 92	
93								DreBB _{KO} 93	OlaBB _{MO} 93	TniBB _{MO} 93
94				PseB _{KL} 94	DreBA _{KL} 94					
95				PseB _{KL} 95			TniBA _{KL} 95			
96			HsaB _{KL} 96			OlaBA _{KL} 96				
98			HsaB _{KL} 98		DreBA _{KL} 98					
99			HsaB _{KL} 99						OlaBB _{KM} 99	
100		LmeB _{KL} 100	HsaB _{KL} 100							
101		LmeB _{KL} 101	HsaB _{KL} 101							
102		LmeB _{KL} 102 _{ab}	HsaB _{KL} 102 _{ab}	PseB _{KL} 102 _{ab}	DreBA _{KL} 102 _{ab}	OlaBA _{KL} 102 _b	TniBA _{KL} 102 _b			
103					DreBA _{KL} 103	OlaBA _{KL} 103				
104			HsaB _{KL} 104 _{bcde}	PseB _{KL} 104 _{abcde}	DreBA _{KL} 104 _{abcde}	OlaBA _{KL} 104 _{abcd}	TniBA _{KL} 104 _{abcd}	DreBB _{KO} 104 _{abce}		TniBB _{MO} 104 _b
105				PseB _{KL} 105 _{abc}	DreBA _{KL} 105 _{abc}	OlaBA _{KL} 105 _{ac}	TniBA _{KL} 105 _{bc}			
106				PseB _{KL} 106	DreBA _{KL} 106					
107			HsaB _{KL} 107		DreBA _{KL} 107					
108		LmeB _{KL} 108	HsaB _{KL} 108	PseB _{KL} 108	DreBA _{KL} 108					
109						OlaBA _{LM} 109	TniBA _{LM} 109			
110	XtrB _{KL} 110 _{abc}	LmeB _{LM} 110 _{abc}	HsaB _{LM} 110 _b		DreBA _{LM} 110 _{abc}		TniBA _{KL} 110 _{bc}			
111		LmeB _{LM} 111	HsaB _{LM} 111							
112		LmeB _{LM} 112	HsaB _{LM} 112							
113	XtrB _{KL} 113 _{ab}	LmeB _{LM} 113 _{ab}	HsaB _{LM} 113 _{ab}		DreBA _{LM} 113 _{bc}	OlaBA _{LM} 113 _{bc}	TniBA _{LM} 113 _{bc}			
114	XtrB _{KL} 114 _b	LmeB _{LM} 114 _{ab}	HsaB _{LM} 114 _{ab}		DreBA _{LM} 114 _{ab}					
115			HsaB _{LM} 115					DreBB _{KO} 115		
116		LmeB _{LM} 116	HsaB _{LM} 116							
117			HsaB _{LM} 117						OlaBB _{KM} 117	
118	XtrB _{LM} 118 _{abcde}	LmeB _{LM} 118 _{abcde}	HsaB _{LM} 118 _{abcde}		DreBA _{LM} 118 _{abcd}	OlaBA _{LM} 118 _b	TniBA _{LM} 118 _{bc}			
119					DreBA _{LM} 119	OlaBA _{LM} 119				
120					DreBA _{LM} 120	OlaBA _{LM} 120				
121						OlaBA _{LM} 121	TniBA _{LM} 121			
122						OlaBA _{LM} 122	TniBA _{LM} 122			
123						OlaBA _{LM} 123	TniBA _{LM} 123			
124						OlaBA _{LM} 124	TniBA _{LM} 124			
125						OlaBA _{LM} 125	TniBA _{LM} 125			
126						OlaBA _{LM} 126	TniBA _{LM} 126			
127					DreBA _{LM} 127	OlaBA _{LM} 127	TniBA _{LM} 127			
128			HsaB _{LM} 128			OlaBA _{LM} 128				
129			HsaB _{LM} 129		DreBA _{LM} 129					
130		LmeB _{LM} 130	HsaB _{LM} 130							
131			HsaB _{LM} 131							TniBB _{KM} 131
132			HsaB _{LM} 132		DreBA _{LM} 132					
133		LmeB _{LM} 133	HsaB _{LM} 133							
134		LmeB _{LM} 134 _{acd}	HsaB _{LM} 134 _{abcd}		DreBA _{LM} 134 _{abcd}		TniBA _{LM} 134 _{bc}			
135		LmeB _{LM} 135	HsaB _{LM} 135			OlaBA _{LM} 135				
136						OlaBA _{MN} 136	TniBA _{MN} 136			
137						OlaBA _{MN} 137	TniBA _{MN} 137			
138						OlaBA _{MN} 138	TniBA _{MN} 138			
139	XtrB _{MN} 139 _{bc}	LmeB _{MN} 139 _{bcd}	HsaB _{MN} 139 _{abcd}		DreBA _{MN} 139 _{bcd}	OlaBA _{MN} 139 _{acde}	TniBA _{MN} 139 _{acde}			
140	XtrB _{MN} 140 _b	LmeB _{MN} 140 _{bc}	HsaB _{MN} 140 _{bc}		DreBA _{MN} 140 _{abc}	OlaBA _{MN} 140 _{abc}	TniBA _{MN} 140 _{abc}			
141		LmeB _{MN} 141	HsaB _{MN} 141		DreBA _{MN} 141	OlaBA _{MN} 141	TniBA _{MN} 141			

142					OlaBA _{MN} 142	TniBA _{MN} 142			
143					OlaBA _{MN} 143	TniBA _{MN} 143			
144				DreBA _{MN} 144		TniBA _{MN} 144			
145				DreBA _{MN} 145		TniBA _{MN} 145			
146				DreBA _{MN} 146		TniBA _{MN} 146			
147				DreBA _{NO} 147	OlaBA _{NO} 147				
148				DreBA _{NO} 148	OlaBA _{NO} 148				
149				DreBA _{NO} 149	OlaBA _{NO} 149				
150	LmeB _{MN} 150	HsaB _{MN} 150							
151	LmeB _{MN} 151	HsaB _{MN} 151							
152	LmeB _{MN} 152	HsaB _{MN} 152							
153	LmeB _{MN} 153	HsaB _{MN} 153							
154	LmeB _{NO} 154 _b	HsaB _{NO} 154 _{abc}		DreBA _{NO} 154 _{bc}	OlaBA _{NO} 154 _{ab}	TniBA _{NO} 154 _{ab}			
155				DreBA _{NO} 155	OlaBA _{NO} 155				
156					OlaBA _{NO} 156	TniBA _{NO} 156			
157				DreBA _{NO} 157		TniBA _{NO} 157			
158				DreBA _{NO} 158		TniBA _{NO} 158			
159		HsaB _{NO} 159						OlaBB _{MO} 159	
160		HsaB _{NO} 160			OlaBA _{NO} 160				
161	XtrB _{NO} 161 _{ab}	LmeB _{NO} 161 _a	HsaB _{NO} 161 _{abc}	DreBA _{NO} 161 _{abc}	OlaBA _{NO} 161 _{abc}	TniBA _{NO} 161 _{ab}	DreBB _{KO} 161 _{bc}	OlaBB _{MO} 161 _{bc}	TniBB _{MO} 161 _{bc}