

Table S6 Ks and Ka analysis between tandem duplicates

Type	Tandem duplicates		Ks	Ka	Ka/Ks
CNL	BrCNL4	BrCNL5	0.16	0.13	0.79
CNL	BrCNL1	BrCNL2	0.21	0.19	0.89
CNL	BrCNL11	BrNL3	1.04	0.33	0.32
CNL	BrNL3	BrNL4	1.07	0.36	0.33
CNL	BrCNL13	BrNL5	1.23	0.28	0.23
CNL	BrCNL11	BrNL4	1.34	0.34	0.25
CNL	BrCN2	BrNL7	2.05	1.22	0.59
TNL	BrTN6	BrTNL33	0.00	0.00	n.a.
TNL	BrTNL19	BrTNL20	0.00	0.00	n.a.
TNL	BrTNL4	BrTNL6	0.18	0.11	0.64
TNL	BrTNL4	BrTNL5	0.21	0.14	0.67
TNL	BrTNL5	BrTNL6	0.21	0.13	0.62
TNL	BrTNL17	BrTNL18	0.29	0.24	0.83
TNL	BrTN4	BrTN5	0.37	0.19	0.51
TNL	BrNL14	BrTNL13	0.39	0.16	0.40
TNL	BrNL15	BrTN2	0.59	0.31	0.53
TNL	BrNL17	BrTNL32	0.66	0.35	0.54
TNL	BrTNL48	BrTNL49	0.90	0.27	0.30
TNL	BrTNL33	BrTNL34	1.19	0.49	0.41
TNL	BrTNL51	BrTNL52	1.24	0.49	0.39
TNL	BrTN5	BrTNL27	1.28	0.45	0.36
TNL	BrTN4	BrTNL27	1.36	0.46	0.34
TNL	BrTNL3	BrTNL4	1.91	0.54	0.29
TNL	BrTN6	BrTNL34	2.38	0.99	0.42
TNL	BrTNL46	BrTNL47	2.81	0.98	0.35
TNL	BrTNL3	BrTNL6	2.82	0.95	0.34
TNL	BrNL16	BrTNL23	2.93	1.62	0.55
TNL	BrTNL3	BrTNL5	2.95	0.59	0.20
TNL	BrTN9	BrTNL52	3.21	0.79	0.25
TNL	BrTNL21	BrTNL22	4.24	1.02	0.24
TNL	BrTNL8	BrTNL9	4.30	0.94	0.22
TNL	BrTN9	BrTNL51	4.84	0.98	0.20