



	gene_Ψ1	gene_Ψ2	gene_Ψ3	gene_Ψ4	gene_Ψ1_N	gene_Ψ2_N	gene_Ψ3_N	gene_Ψ4_N	gene_N	site_Ψ1	site_Ψ2	site_Ψ3	site_Ψ4	site_Ψ1_N	site_Ψ2_N	site_Ψ3_N	site_Ψ4_N	site_N	quartet_Ψ1	quartet_Ψ2	quartet_Ψ3	quartet_Ψ4	quartet_Ψ1_N	quartet_Ψ2_N	quartet_Ψ3_N	quartet_Ψ4_N	quartet_N	quartet_Ψ1_pp	quartet_Ψ2_pp	quartet_Ψ3_pp	length_subs_per_site	length_coalescent
107	66.00	10.00	10.00	14.00	33	5	5	7	50	50.07	27.09	22.84	0	67.83	36.77	30.97	0	135.573	71.66	14.20	14.14	0	35.83	7.10	7.07	0	50	1	0.00	0.00	1.9710500	9.495290
108*	23.26	32.56	23.26	20.93	10	14	10	9	43	17.95	41.07	40.98	0	10.50	23.85	23.73	0	58.075	29.22	38.42	32.36	0	12.57	16.52	13.91	0	43	0.19	0.55	0.26	0.3698030	8.996970
109*	60.00	0.00	0.00	40.00	3	0	0	2	5	81.39	13.82	4.79	0	3.59	0.69	0.24	0	4.523	70.91	18.79	10.30	0	3.55	0.94	0.52	0	5	0.86	0.08	0.06	5.7598000	8.732580
110*	0.00	9.09	0.00	90.91	0	1	0	10	11	0.04	66.17	33.69	0	0.00	2.79	1.36	0	4.147	19.13	59.62	21.26	0	2.10	6.56	2.34	0	11	0.05	0.89	0.06	0.1307280	8.672270
111*	10.92	17.65	16.81	54.62	13	21	20	65	119	15.32	61.73	22.95	0	14.18	57.81	21.21	0	93.199	24.57	41.10	34.34	0	29.23	48.91	40.86	0	119	0.03	0.86	0.11	0.0888861	8.101980
112	27.53	8.99	6.74	56.74	49	16	12	101	178	54.94	25.12	19.94	0	59.62	27.30	21.67	0	108.592	49.93	25.35	24.72	0	88.87	45.12	44.01	0	178	1	0.00	0.00	0.8342790	9.719290
113	36.16	8.47	4.52	50.85	64	15	8	90	177	52.70	25.51	21.79	0	46.05	22.29	19.03	0	87.373	57.96	23.07	18.97	0	102.59	40.83	33.58	0	177	1	0.00	0.00	1.5089100	9.930590
114	27.14	19.10	14.57	39.20	54	38	29	78	199	31.98	42.00	26.02	0	39.32	51.76	32.01	0	123.091	40.35	30.26	29.39	0	80.29	60.22	58.48	0	199	0.94	0.03	0.03	0.5013530	8.666140
115	68.37	4.65	2.79	24.19	147	10	6	52	215	81.93	11.04	7.03	0	196.68	26.53	16.90	0	240.111	80.48	11.35	8.17	0	173.04	24.40	17.56	0	215	1	0.00	0.00	2.2305900	21.619300
116	74.00	4.00	2.00	20.00	111	6	3	30	150	92.49	6.55	0.96	0	196.14	13.92	2.05	0	212.104	82.69	10.75	6.57	0	124.03	16.12	9.85	0	150	1	0.00	0.00	2.1466700	20.600700
117*	30.11	32.26	11.83	25.81	28	30	11	24	93	44.40	41.61	13.99	0	33.35	42.68	10.50	0	86.527	38.57	43.28	18.15	0	35.87	40.25	16.88	0	93	0.17	0.82	0.01	0.4656650	2.838680
118*	28.00	17.33	14.67	40.00	21	13	11	30	75	90.53	5.20	4.27	0	61.90	3.56	2.93	0	68.391	38.79	34.59	26.62	0	29.09	25.94	19.97	0	75	0.62	0.27	0.10	0.9237780	2.256690
119*	33.07	29.13	24.41	13.39	84	74	62	34	254	36.76	33.66	29.57	0	61.46	56.28	49.42	0	167.148	37.46	33.10	29.45	0	95.14	84.07	74.79	0	254	0.78	0.15	0.07	0.3104620	5.501680
120	88.56	4.06	1.85	5.54	240	11	5	15	271	95.96	2.25	1.80	0	730.13	17.11	13.68	0	760.920	91.24	5.11	3.65	0	247.25	13.85	9.90	0	271	1	0.00	0.00	2.6947200	40.466100
121	77.08	2.92	0.83	19.17	185	7	2	46	240	90.45	5.99	3.56	0	387.20	25.66	15.25	0	428.111	87.01	7.64	5.35	0	208.83	18.33	12.85	0	240	1	0.00	0.00	3.4942300	22.905600
122	48.31	7.63	5.93	38.14	57	9	7	45	118	82.70	11.38	5.93	0	91.91	12.68	6.60	0	111.191	63.02	18.74	18.24	0	74.36	22.11	21.52	0	118	1	0.00	0.00	1.4979700	9.670780
123*	17.02	26.95	15.60	40.43	24	38	22	57	141	29.65	45.54	24.81	0	29.03	44.58	24.29	0	97.896	32.04	38.90	29.06	0	45.18	54.85	40.97	0	141	0.13	0.79	0.08	0.1902110	4.285190
124	36.59	11.71	11.22	40.49	75	24	23	83	205	50.65	31.32	18.04	0	72.56	44.84	27.44	0	144.843	54.97	22.60	22.43	0	112.69	46.33	45.98	0	205	1	0.00	0.00	0.4548810	7.423490
125*	28.91	33.18	18.01	19.91	61	70	38	42	211	40.22	31.64	28.14	0	73.00	57.43	51.07	0	181.495	36.21	38.42	25.37	0	76.39	81.07	53.53	0	211	0.27	0.70	0.03	0.3412570	1.553340
126	45.11	3.80	3.80	47.28	83	7	7	87	184	73.00	15.80	11.16	0	147.58	32.05	22.59	0	202.215	67.00	17.79	15.21	0	123.28	32.73	27.99	0	184	1	0.00	0.00	2.0737700	13.034300
127*	10.84	18.07	2.41	68.67	18	30	4	114	166	44.86	41.50	13.65	0	49.73	45.97	15.13	0	110.833	30.75	45.78	23.46	0	51.05	76.00	38.95	0	166	0	1.00	0.00	0.1431280	3.689260
128	10.79	7.19	4.32	77.70	15	10	6	108	139	36.40	40.73	22.87	0	51.50	75.04	32.31	0	158.855	44.68	28.79	26.53	0	62.11	40.02	36.87	0	139	0.99	0.01	0.00	0.2259510	4.312080
129*	12.44	8.96	7.96	70.65	25	18	16	142	201	37.45	50.85	11.70	0	101.97	145.92	30.59	0	278.486	34.99	35.63	29.37	0	70.34	71.62	59.04	0	201	0.4	0.48	0.12	0.4082230	2.888280
130	22.75	14.16	9.44	53.65	53	33	22	125	233	57.05	23.63	19.32	0	118.67	43.68	35.76	0	198.106	42.38	32.74	24.89	0	98.73	76.27	57.99	0	233	0.99	0.01	0.00	0.2104030	2.183320
131	30.48	13.70	6.85	48.97	89	40	20	143	292	77.24	11.61	11.15	0	228.16	32.83	31.54	0	292.532	50.30	29.68	20.01	0	146.89	86.68	58.44	0	292	1	0.00	0.00	0.7406570	5.404080
132*	10.76	7.59	6.33	75.32	17	12	10	119	158	25.00	43.64	31.37	0	19.95	34.71	25.11	0	79.768	37.76	33.01	29.23	0	59.65	52.16	46.18	0	158	0.71	0.19	0.10	0.4060550	2.267990
133*	10.75	4.30	3.23	81.72	10	4	3	76	93	51.27	27.89	20.83	0	20.02	11.00	8.15	0	39.164	40.03	32.52	27.44	0	37.23	30.25	25.52	0	93	0.77	0.15	0.08	0.2117070	1.202940
134*	9.52	14.29	11.90	64.29	4	6	5	27	42	38.02	50.89	11.09	0	6.92	9.25	2.00	0	18.171	25.77	39.30	34.93	0	10.82	16.50	14.67	0	42	0.13	0.56	0.31	0.2344360	0.337001
135	14.01	6.37	5.10	74.52	22	10	8	117	157	48.09	46.20	5.71	0	119.49	121.90	13.28	0	254.671	47.43	27.36	25.20	0	74.47	42.96	39.56	0	157	1	0.00	0.00	0.4385820	3.509930
136*	9.68	12.90	6.45	70.97	15	20	10	110	155	14.86	73.68	11.46	0	26.21	160.10	20.12	0	206.431	34.51	34.79	30.70	0	53.50	53.92	47.58	0	155	0.39	0.42	0.19	0.2281520	0.822184
137*	13.18	12.40	6.98	67.44	17	16	9	87	129	28.79	55.38	15.83	0	13.33	25.73	7.33	0	46.386	37.84	33.44	28.72	0	48.82	43.14	37.05	0	129	0.67	0.22	0.11	0.2114360	0.844746
138	66.67	1.11	1.11	31.11	120	2	2	56	180	82.43	10.24	7.34	0	198.85	24.78	17.73	0	241.358	82.76	9.45	7.79	0	148.97	17.01	14.02	0	180	1	0.00	0.00	3.2046800	20.743500
139	54.40	6.40	4.00	35.20	68	8	5	44	125	87.40	6.49	6.11	0	125.97	9.38	8.84	0	144.187	71.26	14.98	13.76	0	89.07	18.72	17.21	0	125	1	0.00	0.00	2.5497900	11.482100
140*	26.98	23.81	22.22	26.98	34	30	28	34	126	30.06	39.99	29.95	0	22.88	30.44	22.79	0	76.100	36.51	33.49	29.99	0	46.01	42.20	37.79	0	126	0.56	0.28	0.16	0.2051630	2.215690
141	35.06	20.78	19.48	24.68	27	16	15	19	77	41.85	33.91	24.24	0	22.30	18.08	12.94	0	53.313	43.65	31.51	24.84	0	33.61	24.26	19.13	0	77	0.91	0.06	0.03	1.2485000	1.813180
142	43.56	9.33	6.67	40.44	98	21	15	91	225	59.20	24.22	16.58	0	151.03	61.86	42.35	0	255.231	61.02	22.10	16.88	0	137.30	49.73	37.98	0	225	1	0.00	0.00	1.4796900	13.060800
143*	16.54	19.17	14.66	49.62	44	51	39	132	266	27.40	37.05	35.55	0	75.72	102.40	98.22	0	276.332	33.73	34.09	32.18	0	89.73	90.68	85.59	0	266	0.36	0.40	0.24	0.2461170	2.327800
144	62.44	3.29	2.82	31.46	133	7	6	67	213	85.37	9.69	4.94	0	351.14	39.93	20.36	0	411.430	74.60	15.30	10.10	0	158.90	32.59	21.50	0	213	1	0.00	0.00	2.3555400	15.440000
145*	33.54	29.19	23.60	13.66	54	47	38	22	161	42.60	34.08	23.32	0	49.76	39.85	27.28	0	116.891	39.29	34.03	26.68	0	63.25	54.80	42.95	0	161	0.81	0.14	0.04	0.2907180	2.906330
146	31.72	6.99	6.45	54.84	59	13	12	102	186	70.15	15.33	14.52	0	138.27	30.24	28.64	0	197.147	54.													