

	ene_Ψ1 g 37.50	gene_Ψ2 { 20.83	gene_Ψ3 20.83	gene_Ψ4 20.83	gene_Ψ1_N 9	gene_Ψ2_N g	gene_Ψ3_N 5	gene_Ψ4_N g	gene_N 24	site_Ψ1 64.06	site_Ψ2 35.87	site_Ψ3 sit	:e_Ψ4 si t	te_Ψ1_N :	site_Ψ2_N 1.15	site_Ψ3_N s	site_Ψ4_N 0	site_N 3.145	SH_aLRT 71.7	UFBoot 82	length_subs_per_site 0.0011941
106	73.33	0.00	0.00	26.67	11	0	0	4	15	43.90	56.09	0.01	0	5.04	6.51	0.00	0	11.547	96.7	100	0.0110027
107*	22.2227.68	16.67 26.79	11.11 25.89	50.00 19.64	31	30	29	9 22	18 112	63.16 41.56	34.45 33.11	2.39 25.32	0	5.56 22.22	3.21 17.74	0.23 13.55	0	8.995 53.507	60.4 65.3	89 87	0.0023107 0.0025302
109 110	79.56 74.83	1.46 0.70	1.46 0.70	17.52 23.78	109 107	1	1	24 34	137 143	88.17 94.86	6.92 4.36	4.91 0.78		103.10 93.69	8.12 4.31	5.76 0.78	0	116.983 98.782	100	100	0.0195183 0.0252130
111 112	65.05 20.45	7.77 18.18	3.88 13.64	23.30 47.73	67 9	8	4 6	24 21	103 44	93.40 73.07	6.31 24.54	0.29	0	42.85 8.61	2.91 2.87	0.14 0.30	0	45.892 11.774	100 87.3	100 98	0.0124122 0.0044299
113*	28.17	18.31	9.86	43.66	20	13	7	31	71	42.08	30.03	27.89	0	8.29	5.92	5.46	0	19.681	13.6	93	0.0016924
114*	23.2166.41	26.79 3.13	3.13	28.57 27.34	13 85	15 4	12 4	16 35	56 128	42.22 94.07	31.16	26.62	0	17.96 61.79	13.25 2.56	11.32	0	42.521 65.714	100	100	0.0028184
116* 117	7.14 5.41	14.29 5.41	8.93 5.41	69.64 83.78	4 2	8 2	5 2	39 31	56 37	26.19 73.45	38.95 16.67	34.86 9.88	0	2.37 15.41	3.57 3.53	3.17 2.09	0	9.106 21.030	46.5 89.4	90 95	0.0012595 0.0027982
118*	10.94	9.38	9.38	70.31	7	6	6	45	64	62.23	23.60	14.17	0	12.20	5.59	2.82	0	20.612	63.3	81	0.0016467
119* 120*	26.51 21.05	18.07 12.63	6.02 10.53	49.40 55.79	22	15 12	5 10	53	95	57.32 42.51	31.00 33.61	11.68 23.87	0	13.63 17.91	7.43 14.13	2.79 10.06	0	23.847 42.092	25.4 89.7	87 85	0.0020896 0.0018565
121 * 122	11.76 21.43	23.537.14	17.65 0.00	47.06 71.43	3	1	3	10	17 14	64.48 88.31	21.49 6.29	14.03 5.39	0	6.00 5.58	2.00	1.36 0.37	0	9.364 6.380	70 86	84 95	0.0013482 0.0047169
123 124	22.86 14.89	5.71 12.77	2.86 8.51	68.57 63.83	16 7	4 6	2	48 30	70 47	46.35 26.30	34.47 57.28	19.18 16.41	0	10.23 2.46	7.63 5.74	4.51 1.55	0	22.364 9.747	99.8 68.4	100 96	0.0071137 0.0022746
125	10.00	10.00	5.00	75.00	4	4	2	30	40	23.14	49.16	27.70	0	1.30	2.83	1.52	0	5.657	57.4	98	0.0015833
126 127	25.00 24.68	18.75 18.35	9.38	46.88	39	6 29	3 26	15 64	32 158	53.40 53.85	23.39	23.21	0	7.02 27.22	3.06 12.02	3.02 11.37	0	13.092 50.603	50.3 99.4	100	0.0013614
128 129	31.21 36.25	10.98	4.62 6.25	53.18 47.50	54 58	19 16	10	92 76	173 160	54.76 46.03	26.08 27.70	19.16 26.27		51.36 34.34	24.51	18.02 19.62	0	93.889	100	100	0.0092296
130	18.46	11.54	10.77	59.23	24	15	14	77	130	30.70	43.65	25.65	0	17.12	24.35	14.31	0	55.781	50.7	95	0.0014615
131 132	33.33 29.09	6.98 12.73	0.78 12.73	58.91 45.45	32	9	14	76 50	129 110	52.07 37.11	24.15 42.46	23.78	0	25.50 19.15	11.85 21.97	11.66	0	49.012 51.674	96.2	100 99	0.0080380
133 134	90.91 86.75	6.06 1.20	3.03	0.00 12.05	30 72	1	0	0 10	33 83	95.32 94.55	4.63 4.17	0.05 1.27		67.44 99.76	3.28 4.41	0.03 1.35	0	70.751 105.513	100	100	0.0346680 0.0309143
135 136	25.30 15.22	36.14 32.61	9.64 13.04	28.92 39.13	21 14	30 30	8	24 36	83 92	47.87 55.23	27.88 25.17	24.25 19.60	0	11.98 39.99	6.99 18.24	6.09 14.21	0	25.060 72.437	83.2 78.9	99 98	0.0016087 0.0028291
137	21.62	10.81	7.21	60.36	24	12	8	67	111	27.25	41.18	31.57	0	11.92	18.08	13.87	0	43.868	95.7	100	0.0025051
138 139	82.46 54.84	1.75 16.13	0.00 6.45	15.79 22.58	47 17	5	2	7	57 31	97.44 82.56	2.51 13.69	0.04 3.75		86.65 12.74	2.25	0.04	0	88.935 15.508	100 99.8	100	0.0264498 0.0112954
140 141	80.65 19.18	3.23 34.25	0.00 13.70	16.13 32.88	25 14	1 25	0 10	5 24	31 73	79.95 59.70	17.01 21.28	3.05 19.03	0	6.99 16.27	1.51 5.80	0.29 5.18	0	8.785 27.249	99.7 96.8	100 100	0.0183597 0.0035538
142	18.18	22.73	11.36	47.73	8	10	5	21	44	54.32	37.99	7.69	0	8.34	5.89	1.20	0	15.432	86	100	0.0017369
144	23.5389.09	17.65 0.00	0.00	50.59 10.91	20 49	15 0	7	43 6	85 55	72.46 90.84	15.08 7.69	12.46	0	19.30 17.68	4.01 1.51	3.33 0.30	0	26.640 19.493	95.1	100	0.0030327
145 146*	58.21 22.45	5.97 18.37	4.48 11.22	31.34 47.96	39 22	18	11	21 47	67 98	77.83 29.17	11.14 53.60	11.03 17.23	0	13.97 20.48	2.04 37.57	2.02 12.09	0	18.028 70.131	100 47.9	100 81	0.0137353 0.0027156
147 148	32.76 19.66	12.07 12.82	6.90 10.26	48.28 57.26	19 23	7 15	4 12	28 67	58 117	43.06 65.01	40.48 18.05	16.46 16.94	0	13.42 38.01	12.61 10.51	5.13 9.82	0	31.146 58.336	93.6 85.8	100 98	0.0039487 0.0017053
149	13.73	13.73	13.73	58.82	7	7	7	30	51	48.07	33.37	18.56	0	8.40	5.87	3.27	0	17.532	83.8	99	0.0013541
150 151	13.51 14.55	8.11 16.36	2.707.27	75.68 61.82	5 8	9	4	28 34	37 55	44.72 35.94	39.39 37.28	15.90 26.78	0	6.08 8.27	5.45 8.58	2.196.13	0	13.716 22.981	90.1	100 95	0.0013814
152 153	63.1672.32	10.53 4.46	10.53 0.00	15.79 23.21	12 81	5	0	3 26	19 112	99.23 82.76	0.60 9.33	0.16 7.92	0	6.17 98.08	0.04 11.08	0.01 9.41	0	6.225 118.574	97.8 100	100	0.0140198 0.0413646
154* 155	26.83 69.23	26.83 12.82	19.51 7.69	26.83 10.26	11 27	11 5	8	11 4	41 39	47.34 34.81	28.31 39.38	24.35 25.81	0	15.85 17.30	9.46 19.60	8.20 12.87	0	33.504 49.762	76.5 99.8	94 100	0.0051813 0.0183539
156	88.06	1.49	0.00	10.45	59	1	0	7	67	79.88	10.74	9.38	0	80.51	10.86	9.49	0	100.861	100	100	0.0446124
157 158	91.00	8.74 4.00	5.83 3.00	2.00	91	9	3	2	103	80.85 84.58	9.17	8.99 6.25		155.66 225.67	19.58 24.47	17.31 16.68	0	192.546 266.817	99.9	100	0.0326358
159 160	79.31 41.18	3.45 17.65	0.00 5.88	17.24 35.29	23 7	3	0	5 6	29 17	42.56 18.32	33.03 63.78	24.41 17.90	0	2.551.81	1.94 5.96	1.56 1.74	0	6.044 9.510	99.7 91	100 97	0.0193768 0.0103065
161 162	42.50 55.00	15.00 10.00	2.50 5.00	40.00	17 22	6	1 2	16 12	40 40	49.95	31.64 29.72	18.41 28.29		33.28 44.59	21.15 31.58	12.29 30.09	0	66.720	98.2 99.6	100	0.0107654 0.0134016
163*	20.83	25.00	25.00	29.17	5	6	6	7	24	41.99 47.44	31.75	20.81	0	25.16	16.84	11.05	0	106.253 53.043	37.2	94	0.0134010
164 165	8.33 75.00	33.33 10.00	8.33 5.00	50.00	1 15	2	1	2	12 20	49.97 50.03	26.35 26.74	23.68	0	18.43 25.72	9.73 13.77	8.77 11.99	0	36.933 51.474	70 97.9	98	0.0029169 0.0143666
	100.00 47.37	0.00 15.79	0.00 7.89	0.00 28.95	22 18	0 6	0	0 11	22 38	91.17 30.67	4.68 44.41	4.16 24.92	0	118.41 9.65	6.09 13.94	5.41 7.86	0	129.898 31.438	99.9 99.3	100 100	0.0515125 0.0083192
168	91.30	4.35	0.00	4.35	42	2	0	2	46	63.98	19.49	16.53	0	70.11	21.40	18.14	0	109.649	100	100	0.0398759
169 170	100.00 45.65	0.00 21.74	0.00 21.74	0.00	21	10	10	5	47 46	98.22 41.26	1.28 32.73	0.50 26.02		325.79 33.06	4.23 26.22	1.68 20.87	0	331.695 80.143	100 96.1	100 98	0.0711132 0.0066468
171 172	92.11	5.26 5.88	0.00	2.63 0.00	35 16	1	0	0	38 17	75.61 77.78	14.47 12.31	9.91 9.91	0	112.31 26.23	21.56 4.17	14.73 3.34	0	148.608 33.744	100 99.8	100	0.0288659
173 174	54.90 89.60	7.19 0.00	3.27 0.00	34.64 10.40	84 112	11 0	5 0	53 13	153 125	73.32 98.34	15.70 1.11	10.98 0.55		54.28 173.66	11.65 1.97	8.16 0.98	0	74.086 176.612	100 100	100 100	0.0114490 0.0455703
175*	28.72	24.47	15.96	30.85	27	23	15	29	94	40.37	32.05	27.58	0	13.76	10.92	9.39	0	34.067	49.6	91	0.0024319
176 177	16.67 23.26	18.52 10.47	11.11 4.65	53.70 61.63	9 20	9	6 4	29 53	54 86	53.27 79.82	24.95 14.81	21.785.37	0	19.04 18.61	8.90 3.45	7.80 1.28	0	35.739 23.332	79.7 98	97 100	0.0019011
178 179	10.61 31.15	10.61 16.39	9.09 3.28	69.70 49.18	7 19	7 10	6 2	46 30	66 61	28.46 36.00	53.25 48.13	18.28 15.87	0	2.694.75	25.87 6.35	1.80 2.11	0	30.361 13.215	73.9 62.8	98 98	0.0007889 0.0006674
180 181*	87.50 20.00	0.00 5.71	0.00 2.86	12.50 71.43	35 7	0	0	5 25	40 35	92.12 42.50	7.80 36.07	0.08 21.43	0	22.73 4.27	1.93 3.57	0.02 2.16	0	24.678 10.003	100 54.9	100 58	0.0377859
182*	17.46	19.05	14.29	49.21	11	12	9	31	63	32.05	45.01	22.94	0	11.26	15.93	8.10	0	35.285	32.5	61	0.0032300
183 184	14.63 12.50	28.05 15.00	17.07 12.50	40.24 60.00	12 5	23 6	14 5	33 24	82 40	28.72 44.94	35.98 28.42	35.30 26.65	0	12.74 10.17	16.00 6.44	15.69 6.02	0	44.428 22.640	88.8 89.9	97 99	0.0028299
185 186	18.64 72.44	16.95 0.79	13.56 0.00	50.85 26.77	11 92	10 1	8	30 34	59 127	43.49 89.06	37.17 6.39	19.35 4.56		23.22 84.36	19.81 6.09	10.34 4.34	0	53.376 94.785	49.2 100	95 100	0.0034790 0.0259222
187 188	42.72 36.49	10.68 9.46	5.83 4.05	40.78 50.00	44 27	11 7	6	42 37	103 74	50.15 58.87	34.56 28.95	15.29 12.18	0	29.70 35.76	20.47 17.62	9.08 7.44	0	59.256 60.824	100 98.3	100 100	0.0090653 0.0065287
189	31.71	24.39	14.63	29.27	13	10	6	12	41	60.07	22.96	16.98	0	31.66	12.10	8.96	0	52.717	88.6	100	0.0076437
190* 191	21.05 60.00	20.00	0.00	44.21 40.00	20 15	19 0	14 0	42 10	95 25	35.48 99.10	33.16 0.77	31.36 0.13	0	9.61 2.00	9.00	0.00	0	27.088 2.028	68.4 99	94 100	0.0030682 0.0154110
192 193*	14.29 7.50	10.71 18.75	3.57 12.50	71.43 61.25	4 6	3 15	1 10	20 49	28 80	55.62 51.74	37.43 32.68	6.95 15.58	0	3.02 11.57	2.08 7.34	0.42 3.50	0	5.519 22.414	82 44.1	98 71	0.0043427 0.0011156
194*	8.00	8.00	2.67	81.33	6	6	2	61	75	36.20	38.34	25.46	0	6.58	6.97	4.70	0	18.253	62.1	34	0.0013245
195* 196	7.89 13.46	9.21 3.85	9.21 1.92	73.68 80.77	7	2	1	56 42	76 52	43.27 61.92	42.56 25.40	12.68	0	5.53 14.63	5.26 6.00	1.80 2.99	0	12.591 23.624	82.2	36 98	0.0013892
197* 198*	5.9713.51	5.97 10.81	2.99 8.11	85.07 67.57	5	4	3	57 25	67 37	61.89 43.67	21.34 32.98	16.77 23.35	0	13.65 10.66	4.75 8.01	3.71 5.67	0	22.107 24.341	90.5	38 67	0.0012072 0.0017468
199 200	70.49 31.91	1.64 42.55	1.64 12.77	26.23 12.77	43 15	1 20	1 6	16 6	61 47	94.06 35.12	5.90 46.31	0.03 18.57	0	28.36 8.60	1.79 11.38	0.01 4.53	0	30.162 24.512	100 54.4	100 100	0.0174578 0.0011968
201	63.93	6.56	0.00	29.51	39	4	0	18	61	86.93	8.36	4.70	0	25.85	2.54	1.42	0	29.800	100	100	0.0170681
202*	29.4117.65	38.24 23.53	8.82 23.53	23.53 35.29	3	13 4	4	6	34 17	45.23 17.43	41.27 56.65	13.50 25.92	0	17.53 0.78	16.04 2.35	5.25 1.17	0	38.815 4.294	75.8 83.9	75 76	0.0025021
	81.44 22.22	3.09 33.33	3.09	12.37 44.44	79 2	3	3	12 4	97 9	86.16 72.70	12.48 26.62	1.36 0.68	0	91.79 1.29	13.29 0.59	1.45 0.02	0	106.525 1.901	100 81.9	100 79	0.0196187 0.0037722
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