

Bankoff *et al.* supplemental table 1

	Species 1: Species 2 & not Species 3 or Consensus ¹	Species 3: Species 2 & not Species 1 or Consensus	P-value	Ratio	Bonferroni adjusted P-value
	Daubentonia.vs.Homo.vs.Propithecus	Propithecus.vs.Homo.vs.Daubentonia	0.7281	1.2	32.0364
Convergent:	18	15			
Comparable:	8419	8419			
	Daubentonia.vs.Pteronotus.vs.Propithecus	Propithecus.vs.Pteronotus.vs.Daubentonia	0.2099	0.454545455	9.2356
Convergent:	5	11			
Comparable:	8408	8408			
	Daubentonia.vs.Myotis.vs.Propithecus	Propithecus.vs.Myotis.vs.Daubentonia	1	1	44
Convergent:	7	7			
Comparable:	8404	8404			
	Daubentonia.vs.Rhinolophus.vs.Propithecus	Propithecus.vs.Rhinolophus.vs.Daubentonia	1	1	44
Convergent:	10	10			
Comparable:	8235	8235			
	Daubentonia.vs.Megaderma.vs.Propithecus	Propithecus.vs.Megaderma.vs.Daubentonia	0.3015	2	13.266
Convergent:	10	5			
Comparable:	7577	7577			
	Daubentonia.vs.Pteropus.vs.Propithecus	Propithecus.vs.Pteropus.vs.Daubentonia	0.7538	0.666666667	33.1672
Convergent:	4	6			
Comparable:	8336	8336			
	Daubentonia.vs.Eidolon.vs.Propithecus	Propithecus.vs.Eidolon.vs.Daubentonia	0.7743	0.714285714	34.0692
Convergent:	5	7			
Comparable:	8325	8325			
	Daubentonia.vs.Tursiops.vs.Propithecus	Propithecus.vs.Tursiops.vs.Daubentonia	1	1.2	44
Convergent:	6	5			
Comparable:	7873	7873			
	Daubentonia.vs.Bos.vs.Propithecus	Propithecus.vs.Bos.vs.Daubentonia	0.09608	0.384615385	4.22752
Convergent:	5	13			
Comparable:	8419	8419			

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	Daubentonia.vs.Mus.vs.Propithecus	Propithecus.vs.Mus.vs.Daubentonia	0.7904	0.75	34.7776
Convergent:	6	8			
Comparable:	8416	8416			
	Daubentonia.vs.Oryctolagus.vs.Propithecus	Propithecus.vs.Oryctolagus.vs.Daubentonia	0.541	0.714285714	23.804
Convergent:	10	14			
Comparable:	8196	8196			
	Daubentonia.vs.Loxodonta.vs.Propithecus	Propithecus.vs.Loxodonta.vs.Daubentonia	1	0.916666667	44
Convergent:	11	12			
Comparable:	7563	7563			
	Rhinolophus.vs.Daubentonia.vs.Pteropus	Pteropus.vs.Daubentonia.vs.Rhinolophus	0.1668	2.166666667	7.3392
Convergent:	13	6			
Comparable:	8189	8189			
	Rhinolophus.vs.Daubentonia.vs.Eidolon	Eidolon.vs.Daubentonia.vs.Rhinolophus	0.286	1.75	12.584
Convergent:	14	8			
Comparable:	8178	8178			
	Rhinolophus.vs.Propithecus.vs.Pteropus	Pteropus.vs.Propithecus.vs.Rhinolophus	0.189	2	8.316
Convergent:	14	7			
Comparable:	8189	8189			
	Rhinolophus.vs.Propithecus.vs.Eidolon	Eidolon.vs.Propithecus.vs.Rhinolophus	0.4045	1.555555556	17.798
Convergent:	14	9			
Comparable:	8177	8177			
	Rhinolophus.vs.Homo.vs.Pteropus	Pteropus.vs.Homo.vs.Rhinolophus	0.286	1.75	12.584
Convergent:	14	8			
Comparable:	8212	8212			
	Rhinolophus.vs.Homo.vs.Eidolon	Eidolon.vs.Homo.vs.Rhinolophus	0.424	1.5	18.656
Convergent:	15	10			
Comparable:	8200	8200			

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	Rhinolophus.vs.Pteronotus.vs.Pteropus	Pteropus.vs.Pteronotus.vs.Rhinolophus	1.74E-09	8.166666667	7.63E-08
Convergent:	49	6			
Comparable:	8204	8204			
	Rhinolophus.vs.Pteronotus.vs.Eidolon	Eidolon.vs.Pteronotus.vs.Rhinolophus	1.23E-09	9.4	5.39E-08
Convergent:	47	5			
Comparable:	8199	8199			
	Rhinolophus.vs.Myotis.vs.Pteropus	Pteropus.vs.Myotis.vs.Rhinolophus	5.26E-15	10.42857143	2.31E-13
Convergent:	73	7			
Comparable:	8202	8202			
	Rhinolophus.vs.Myotis.vs.Eidolon	Eidolon.vs.Myotis.vs.Rhinolophus	9.06E-16	12.16666667	3.98E-14
Convergent:	73	6			
Comparable:	8187	8187			
	Rhinolophus.vs.Tursiops.vs.Pteropus	Pteropus.vs.Tursiops.vs.Rhinolophus	1.66E-12	8.25	7.31E-11
Convergent:	66	8			
Comparable:	7666	7666			
	Rhinolophus.vs.Tursiops.vs.Eidolon	Eidolon.vs.Tursiops.vs.Rhinolophus	2.84E-15	16.25	1.25E-13
Convergent:	65	4			
Comparable:	7655	7655			
	Rhinolophus.vs.Bos.vs.Pteropus	Pteropus.vs.Bos.vs.Rhinolophus	1	1.1	44
Convergent:	11	10			
Comparable:	8212	8212			
	Rhinolophus.vs.Bos.vs.Eidolon	Eidolon.vs.Bos.vs.Rhinolophus	1	0.909090909	44
Convergent:	10	11			
Comparable:	8200	8200			
	Rhinolophus.vs.Mus.vs.Pteropus	Pteropus.vs.Mus.vs.Rhinolophus	0.0001143	4.428571429	0.0050292
Convergent:	31	7			
Comparable:	8208	8208			

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	Rhinolophus.vs.Mus.vs.Eidolon	Eidolon.vs.Mus.vs.Rhinolophus	0.000001899	8	0.000083556
Convergent:	32	4			
Comparable:	8196	8196			
	Rhinolophus.vs.Oryctolagus.vs.Pteropus	Pteropus.vs.Oryctolagus.vs.Rhinolophus	0.01456	3.166666667	0.64064
Convergent:	19	6			
Comparable:	7994	7994			
	Rhinolophus.vs.Oryctolagus.vs.Eidolon	Eidolon.vs.Oryctolagus.vs.Rhinolophus	0.04313	2.571428571	1.89772
Convergent:	18	7			
Comparable:	7979	7979			
	Rhinolophus.vs.Loxodonta.vs.Pteropus	Pteropus.vs.Loxodonta.vs.Rhinolophus	0.0001141	4.428571429	0.0050204
Convergent:	31	7			
Comparable:	7540	7540			
	Rhinolophus.vs.Loxodonta.vs.Eidolon	Eidolon.vs.Loxodonta.vs.Rhinolophus	0.0002892	3.875	0.0127248
Convergent:	31	8			
Comparable:	7506	7506			
	Megaderma.vs.Daubentonia.vs.Pteropus	Pteropus.vs.Daubentonia.vs.Megaderma	0.1432	2.4	6.3008
Convergent:	12	5			
Comparable:	7530	7530			
	Megaderma.vs.Daubentonia.vs.Eidolon	Eidolon.vs.Daubentonia.vs.Megaderma	0.383	1.625	16.852
Convergent:	13	8			
Comparable:	7519	7519			
	Megaderma.vs.Propithecus.vs.Pteropus	Pteropus.vs.Propithecus.vs.Megaderma	0.7904	1.333333333	34.7776
Convergent:	8	6			
Comparable:	7531	7531			
	Megaderma.vs.Propithecus.vs.Eidolon	Eidolon.vs.Propithecus.vs.Megaderma	1	0.888888889	44
Convergent:	8	9			
Comparable:	7519	7519			

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	Megaderma.vs.Homo.vs.Pteropus	Pteropus.vs.Homo.vs.Megaderma	0.2097	1.875	9.2268
Convergent:	15	8			
Comparable:	7553	7553			
	Megaderma.vs.Homo.vs.Eidolon	Eidolon.vs.Homo.vs.Megaderma	0.3071	1.666666667	13.5124
Convergent:	15	9			
Comparable:	7541	7541			
	Megaderma.vs.Pteronotus.vs.Pteropus	Pteropus.vs.Pteronotus.vs.Megaderma	9.93E-08	9.25	4.37E-06
Convergent:	37	4			
Comparable:	7545	7545			
	Megaderma.vs.Pteronotus.vs.Eidolon	Eidolon.vs.Pteronotus.vs.Megaderma	5.46E-08	9.5	2.40E-06
Convergent:	38	4			
Comparable:	7540	7540			
	Megaderma.vs.Myotis.vs.Pteropus	Pteropus.vs.Myotis.vs.Megaderma	7.54E-13	10.33333333	3.32E-11
Convergent:	62	6			
Comparable:	7543	7543			
	Megaderma.vs.Myotis.vs.Eidolon	Eidolon.vs.Myotis.vs.Megaderma	2.43E-13	12.2	1.07E-11
Convergent:	61	5			
Comparable:	7528	7528			
	Megaderma.vs.Tursiops.vs.Pteropus	Pteropus.vs.Tursiops.vs.Megaderma	7.21E-10	7.571428571	3.17E-08
Convergent:	53	7			
Comparable:	7088	7088			
	Megaderma.vs.Tursiops.vs.Eidolon	Eidolon.vs.Tursiops.vs.Megaderma	7.58E-13	17.66666667	3.33E-11
Convergent:	53	3			
Comparable:	7077	7077			
	Megaderma.vs.Bos.vs.Pteropus	Pteropus.vs.Bos.vs.Megaderma	0.8035	1.285714286	35.354
Convergent:	9	7			
Comparable:	7553	7553			

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	Megaderma.vs.Bos.vs.Eidolon	Eidolon.vs.Bos.vs.Megaderma	1	1.125	44
Convergent:	9	8			
Comparable:	7541	7541			
	Megaderma.vs.Mus.vs.Pteropus	Pteropus.vs.Mus.vs.Megaderma	0.000868	4.166666667	0.038192
Convergent:	25	6			
Comparable:	7551	7551			
	Megaderma.vs.Mus.vs.Eidolon	Eidolon.vs.Mus.vs.Megaderma	0.00001499	8.666666667	0.00065956
Convergent:	26	3			
Comparable:	7539	7539			
	Megaderma.vs.Oryctolagus.vs.Pteropus	Pteropus.vs.Oryctolagus.vs.Megaderma	0.1668	2.166666667	7.3392
Convergent:	13	6			
Comparable:	7335	7335			
	Megaderma.vs.Oryctolagus.vs.Eidolon	Eidolon.vs.Oryctolagus.vs.Megaderma	0.2628	1.857142857	11.5632
Convergent:	13	7			
Comparable:	7320	7320			
	Megaderma.vs.Loxodonta.vs.Pteropus	Pteropus.vs.Loxodonta.vs.Megaderma	0.0008671	4.166666667	0.0381524
Convergent:	25	6			
Comparable:	6881	6881			
	Megaderma.vs.Loxodonta.vs.Eidolon	Eidolon.vs.Loxodonta.vs.Megaderma	0.003293	3.428571429	0.144892
Convergent:	24	7			
Comparable:	6847	6847			
	Tursiops.vs.Daubentonia.vs.Bos	Bos.vs.Daubentonia.vs.Tursiops	1	0.888888889	44
Convergent:	8	9			
Comparable:	7896	7896			
	Tursiops.vs.Proprius.vs.Bos	Bos.vs.Proprius.vs.Tursiops	0.05232	0.375	2.30208
Convergent:	6	16			
Comparable:	7895	7895			

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	Tursiops.vs.Homo.vs.Bos	Bos.vs.Homo.vs.Tursiops	1	0.909090909	44
Convergent:	10	11			
Comparable:	7919	7919			
	Tursiops.vs.Pteronotus.vs.Bos	Bos.vs.Pteronotus.vs.Tursiops	0.000005162	5.285714286	0.000227128
Convergent:	37	7			
Comparable:	7908	7908			
	Tursiops.vs.Myotis.vs.Bos	Bos.vs.Myotis.vs.Tursiops	1.31E-08	8.6	5.78E-07
Convergent:	43	5			
Comparable:	7904	7904			
	Tursiops.vs.Rhinolophus.vs.Bos	Bos.vs.Rhinolophus.vs.Tursiops	6.40E-13	9.285714286	2.82E-11
Convergent:	65	7			
Comparable:	7734	7734			
	Tursiops.vs.Megaderma.vs.Bos	Bos.vs.Megaderma.vs.Tursiops	7.21E-10	7.571428571	3.17E-08
Convergent:	53	7			
Comparable:	7156	7156			
	Tursiops.vs.Pteropus.vs.Bos	Bos.vs.Pteropus.vs.Tursiops	1	1.111111111	44
Convergent:	10	9			
Comparable:	7837	7837			
	Tursiops.vs.Eidolon.vs.Bos	Bos.vs.Eidolon.vs.Tursiops	0.3015	0.5	13.266
Convergent:	5	10			
Comparable:	7826	7826			
	Tursiops.vs.Mus.vs.Bos	Bos.vs.Mus.vs.Tursiops	0.7356	0.842105263	32.3664
Convergent:	16	19			
Comparable:	7915	7915			
	Tursiops.vs.Oryctolagus.vs.Bos	Bos.vs.Oryctolagus.vs.Tursiops	0.02929	0.409090909	1.28876
Convergent:	9	22			
Comparable:	7699	7699			

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	Species 1: Species 2 & not Species 3 or Consensus	Species 3: Species 2 & not Species 1 or Consensus	P-value	Ratio	Bonferroni adjusted P-value
	Tursiops.vs.Loxodonta.vs.Bos	Bos.vs.Loxodonta.vs.Tursiops	1	1	44
Convergent:	15	15			
Comparable:	7067	7067			
	Mus.vs.Daubentonia.vs.Oryctolagus	Oryctolagus.vs.Daubentonia.vs.Mus	0.02416	0.416666667	1.06304
Convergent:	10	24			
Comparable:	8217	8217			
	Mus.vs.Propithecus.vs.Oryctolagus	Oryctolagus.vs.Propithecus.vs.Mus	0.01937	0.448275862	0.85228
Convergent:	13	29			
Comparable:	8215	8215			
	Mus.vs.Homo.vs.Oryctolagus	Oryctolagus.vs.Homo.vs.Mus	0.1623	0.571428571	7.1412
Convergent:	12	21			
Comparable:	8239	8239			
	Mus.vs.Pteronotus.vs.Oryctolagus	Oryctolagus.vs.Pteronotus.vs.Mus	0.07529	2.25	3.31276
Convergent:	18	8			
Comparable:	8229	8229			
	Mus.vs.Myotis.vs.Oryctolagus	Oryctolagus.vs.Myotis.vs.Mus	0.01125	2.6	0.495
Convergent:	26	10			
Comparable:	8234	8234			
	Mus.vs.Rhinolophus.vs.Oryctolagus	Oryctolagus.vs.Rhinolophus.vs.Mus	0.05927	1.928571429	2.60788
Convergent:	27	14			
Comparable:	8054	8054			
	Mus.vs.Megaderma.vs.Oryctolagus	Oryctolagus.vs.Megaderma.vs.Mus	0.02415	2.4	1.0626
Convergent:	24	10			
Comparable:	7397	7397			
	Mus.vs.Pteropus.vs.Oryctolagus	Oryctolagus.vs.Pteropus.vs.Mus	1	1.166666667	44
Convergent:	7	6			
Comparable:	8161	8161			

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	Mus.vs.Eidolon.vs.Oryctolagus	Oryctolagus.vs.Eidolon.vs.Mus	0.5487	0.571428571	24.1428
Convergent:	4	7			
Comparable:	8146	8146			
	Mus.vs.Tursiops.vs.Oryctolagus	Oryctolagus.vs.Tursiops.vs.Mus	0.2001	1.727272727	8.8044
Convergent:	19	11			
Comparable:	7695	7695			
	Mus.vs.Bos.vs.Oryctolagus	Oryctolagus.vs.Bos.vs.Mus	0.6173	0.8	27.1612
Convergent:	16	20			
Comparable:	8239	8239			
	Mus.vs.Loxodonta.vs.Oryctolagus	Oryctolagus.vs.Loxodonta.vs.Mus	1	1	44
Convergent:	15	15			
Comparable:	7379	7379			

¹ Because *Megaderma* and *Rhinolophus* are more closely related than other bat species in the alignment, as are *Pteropus* and *Eidolon*, we were unable to compare them using this method and they do not appear in this table.