

Aligned Position	Sparse Chi-square Table (1=true, 0=false)	Chi-square Value	C-value	Degree Freedom	Residue Diversity (group1=civet, group2=human)		Reported by Shi, et al.	Spike Codon Number
22536	0	40.773	7.31E-09	3	group1(15 G)	group2(41 A, 5 G)	Yes	344
22584	1	51.477	3.87E-11	3	group1(15 C)	group2(2 C, 44 T)	Yes	360
22888	1	41.331	5.56E-09	3	group1(2 C, 13 T)	group2(44 C, 2 T)		461
22889	0	16.7	8.15E-04	3	group1(10 C, 5 T)	group2(46 C)		462
22920	1	41.331	5.56E-09	3	group1(13 C, 2 T)	group2(2 C, 44 T)		472
22941	0	32.372	4.37E-07	3	group1(6 A, 9 G)	group2(46 A)		479
22942	1	41.149	6.08E-09	3	group1(11 A, 4 T)	group2(46 T)		479
22944	1	41.331	5.56E-09	3	group1(2 A, 13 G)	group2(44 A, 2 G)		480
22965	1	51.477	3.87E-11	3	group1(15 G)	group2(44 C, 2 G)	Yes	487
23330	1	45.66	6.70E-10	3	group1(2 G, 13 T)	group2(45 G, 1 T)		609
23331	1	45.66	6.70E-10	3	group1(2 C, 13 T)	group2(45 C, 1 T)		609
23344	1	45.66	6.70E-10	3	group1(13 A, 2 T)	group2(1 A, 45 T)		613
23499	1	51.477	3.87E-11	3	group1(15 C)	group2(2 C, 44 T)	Yes	665
23733	1	41.331	5.56E-09	3	group1(2 C, 13 G)	group2(44 C, 2 G)		743
23799	1	41.331	5.56E-09	3	group1(2 C, 13 T)	group2(44 C, 2 T)		765
23837	0	35.258	1.07E-07	3	group1(15 G)	group2(7 G, 39 T)	Yes	778
24397	1	9.674	0.02155	3	group1(12 G, 3 T)	group2(46 G)		964
24580	0	40.773	7.31E-09	3	group1(15 C)	group2(5 C, 41 T)	Yes	1025
24744	1	9.674	0.02155	3	group1(12 A, 3 G)	group2(46 A)		1080
24992	1	43.965	1.54E-09	3	group1(15 G)	group2(42 A, 4 G)	Yes	1163
25045	1	41.331	5.56E-09	3	group1(13 C, 2 T)	group2(2 C, 44 T)		1180
25300	1	51.477	3.87E-11	3	group1(15 A)	group2(2 A, 44 T)	Yes	
25355	1	36.741	2.04E-07	4	group1(11 A, 3 C, 1 T)	group2(2 A, 43 C, 1 Y)		
25370	1	41.331	5.56E-09	3	group1(2 A, 13 G)	group2(44 A, 2 G)		
25522	1	55.937	4.33E-12	3	group1(15 A)	group2(1 A, 45 T)	Yes	
25642	1	51.477	3.87E-11	3	group1(15 G)	group2(2 G, 44 T)	Yes	
25707	1	45.66	6.70E-10	3	group1(13 A, 2 T)	group2(1 A, 45 T)		
26057	1	9.674	0.02155	3	group1(3 C, 12 T)	group2(46 T)		
26424	1	51.477	3.87E-11	3	group1(15 A)	group2(2 A, 44 G)	Yes	
26450	1	41.331	5.56E-09	3	group1(2 A, 13 G)	group2(44 A, 2 G)		
26600	1	43.965	1.54E-09	3	group1(15 C)	group2(4 C, 42 T)	Yes	
27199	1	9.674	0.02155	3	group1(12 A, 3 G)	group2(46 A)		
27400	1	23.536	3.12E-05	3	group1(7 A, 8 G)	group2(45 A, 1 G)		
27439	1	36.606	5.58E-08	3	group1(3 C, 12 T)	group2(44 C, 2 T)		
27841	1	23.439	1.04E-04	4	group1(15 C)	group2(2 -, 13 C, 31 T)	Yes	
27897	0	40.773	3.00E-08	4	group1(15 T)	group2(41 -, 5 T)		
27898	0	40.773	3.00E-08	4	group1(15 C)	group2(41 -, 5 C)		
27899	0	40.773	3.00E-08	4	group1(15 C)	group2(41 -, 5 C)		
27900	0	40.773	3.00E-08	4	group1(15 T)	group2(41 -, 5 T)		
27901	0	40.773	3.00E-08	4	group1(15 A)	group2(41 -, 5 A)		
27902	0	40.773	3.00E-08	4	group1(15 C)	group2(41 -, 5 C)		
27903	0	40.773	3.00E-08	4	group1(15 T)	group2(41 -, 5 T)		
27904	0	40.773	3.00E-08	4	group1(15 G)	group2(41 -, 5 G)		
27905	0	40.773	3.00E-08	4	group1(15 G)	group2(41 -, 5 G)		

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27906	0	40.773	3.00E-08	4	group1(15 T)	group2(41 -, 5 T)		
27907	0	40.773	3.00E-08	4	group1(15 T)	group2(41 -, 5 T)		
27908	0	40.773	3.00E-08	4	group1(15 A)	group2(41 -, 5 A)		
27909	0	40.773	3.00E-08	4	group1(15 C)	group2(41 -, 5 C)		
27910	0	40.773	3.00E-08	4	group1(15 C)	group2(41 -, 5 C)		
27911	0	40.773	3.00E-08	4	group1(15 A)	group2(41 -, 5 A)		
27912	0	40.773	3.00E-08	4	group1(15 A)	group2(41 -, 5 A)		
27913	0	40.773	3.00E-08	4	group1(15 C)	group2(41 -, 5 C)		
27914	0	40.773	3.00E-08	4	group1(15 C)	group2(41 -, 5 C)		
27915	0	40.773	3.00E-08	4	group1(15 T)	group2(41 -, 5 T)		
27916	0	40.773	3.00E-08	4	group1(15 G)	group2(41 -, 5 G)		
27917	0	40.773	3.00E-08	4	group1(15 A)	group2(41 -, 5 A)		
27918	0	40.773	3.00E-08	4	group1(15 A)	group2(41 -, 5 A)		
27919	0	40.773	3.00E-08	4	group1(15 T)	group2(41 -, 5 T)		
27920	0	40.773	3.00E-08	4	group1(15 G)	group2(41 -, 5 G)		
27921	0	40.773	3.00E-08	4	group1(15 G)	group2(41 -, 5 G)		
27922	0	40.773	3.00E-08	4	group1(15 A)	group2(41 -, 5 A)		
27923	1	31.239	2.74E-06	4	group1(2 -, 13 A)	group2(41 -, 5 A)		
27924	1	31.239	2.74E-06	4	group1(2 -, 13 T)	group2(41 -, 5 T)		
27925	0	40.773	3.00E-08	4	group1(15 A)	group2(41 -, 5 A)		
27936	1	41.35	2.28E-08	4	group1(13 A, 2 C)	group2(2 -, 2 A, 42 C)		
28145	1	12.774	0.01244	4	group1(9 A, 6 C)	group2(1 -, 43 A, 2 C)		
28243	1	45.66	6.70E-10	3	group1(13 C, 2 T)	group2(1 C, 45 T)		
28633	1	9.671	0.02158	3	group1(12 C, 1 G, 2 T)	group2(46 C)		
28993	1	9.355	0.02492	3	group1(10 A, 5 G)	group2(44 A, 2 G)		
29052	1	9.355	0.02492	3	group1(10 C, 5 T)	group2(44 C, 2 T)		
29065	1	41.331	5.56E-09	3	group1(13 G, 2 T)	group2(2 G, 44 T)		
29313	1	9.674	0.02155	3	group1(12 C, 3 T)	group2(46 C)		
29768	1	23.524	3.14E-05	3	group1(5 C, 3 G)	group2(1 C, 42 G)		