

Table S3. The results of PAML site model analysis and likelihood ratio statistics within primate TAAR subfamily.

TAAR subfamily ^a	M0	ω	M3	$2\Delta\ln L^b$	P-values ^c	ω in non-primate mammals	ω in only haplorhines
TAAR1 (13)	-2651.6	0.2879	-2644.6	13.91662	0.0076	0.1802	0.3805
TAAR2 (8)	-2517.0	0.1490	-2511.6	10.96983	0.0269	0.0759	0.2113
TAAR3 (6)	-2382.1	0.1181	-2376.5	11.15437	0.0249	0.0774	0.2019
TAAR4 (7)	-2684.7	0.2844	-2665.9	37.71547	<0.0001	0.1406	0.3325
TAAR5 (9)	-2223.6	0.2546	-2222.9	7.57626	0.1084	0.1384	0.2861
TAAR6 (7)	-2399.2	0.2591	-2391.5	15.26471	0.0042	0.1951	0.4747
TAAR8 (3)	-2161.2	0.3140	-2156.4	9.65311	0.0467	0.2615	NA
TAAR9 (5)	-1944.4	0.1186	-1944.4	0.03297	0.9999	0.1490	0.7818

^aThe number of the TAAR genes used in the test is given in parentheses.

^bLikelihood-ratio test statistics.

^cP-values are obtained based on a χ^2 distribution with d.f. = 4. P-values smaller than 0.05 are shown in boldfaces.

NA: not available.