TAAR subfamily ^b	Foreground branch	$2\Delta ln L^{c}$	Proportion of site class	ω	Positively selected sites ^d
TAAR7 (45)	flying fox TAAR7c	3.9934 (0.0457)	0: 0.68747, 1: 0.29542,	$\omega_0 = 0.11593,$ $\omega_1 = 1,$	A162 (0.657), I184 (0.599)
			2a: 0.01197, 2b: 0.00514	ω ₂ =140.19823	
TAAR7 (45)	tenrec- elephant TAAR7	7.2427 (0.0071)	0: 0.69211, 1: 0.29130, 2a: 0.01167, 2b: 0.00491	$ω_0=0.11524,$ $ω_1=1,$ $ω_2=169.33093$	S161 (0.581), S177 (0.522), S188 ^{5.36} (0.973)
TAAR8 (16)	mouse TAAR8a	6.0053 (0.0142)	0: 0.82235, 1: 0.17302, 2a: 0.00383, 2b: 0.00081	$\omega_0 = 0.14625, \omega_1 = 1, \omega_2 = 777.9954$	F190 ^{5.38} (0.935)

S4 Table. The results of PAML branch-site model analysis.^a

^aOnly the results where the given foreground branch having positive selection is supported significantly are listed. These branches are indicated with red color and arrows in Fig 2.

^bThe number of the TAAR subfamily genes tested is given in parentheses.

^cLikelihood-ratio test statistics. *P*-values (shown in parentheses) are obtained based on a χ^2 distribution with d.f. = 1. *P*-values smaller than 0.01 are shown in boldfaces.

^dPositively selected amino acid sites using the Bayes Empirical Bayes inference. Posterior probabilities are shown in parentheses, in boldfaces when P > 0.95. The position numbers are based on the alignment in S5 Fig. The numbering of the Ballesteros-Weinstein scheme (Ballesteros and Weinstein 1995) is shown in superscripts.

References:

Ballesteros JA, Weinstein H. 1995. Integrated methods for the construction of three-dimensional models and computational probing of structure-function relations in G protein-coupled receptors. In: CS Stuart, editor. Receptor Molecular Biology: Academic Press. p. 366-428.