

Table S5. Selective pressure in *Danio rerio* odorant receptor genes

Global dN/dS values of OR subfamilies														
OR subfamily	OR5	OR6	OR7	OR8	OR10	OR15	OR21							
dN/dS	0.16	0.26	0.3	0.34	0.34	0.27	0.29							
Number of positively and negatively selected sites in OR subfamilies														
OR subfamily	OR5		OR6		OR7		OR8		OR10		OR15		OR21	
Significant Level	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2
# pos. sites	0	0	0	0	0	1	0	0	0	1	1	1	2	5
# neg. sites	0	19	1	3	7	27	6	29	84	131	178	218	77	138