Nucleotide substitution model

	OPN4m	*OPN4x*	*OPN4*
Model	GTR+I+G	GTR+I+G	GTR+I+G
A	0.179	0.233	0.197
C	0.337	0.285	0.314
G	0.267	0.234	0.255
T	0.218	0.249	0.234
$r[AC]$	1.117	1.619	1.374
$r[AG]$	3.663	3.822	3.724
$r[AT]$	1.359	1.137	1.355
$r[CG]$	0.884	1.290	0.924
$r[CT]$	3.271	3.364	3.337
$r[GT]$	1.000	1.000	1.000
p-inv	0.090	0.246	0.227
gamma shape	1.430	1.242	0.745

Xia et al. 2003 saturation test

	OPN4m	*OPN4x*	*OPN4*
ISS	0.385	0.366	0.473
ISS.c	0.767	0.767	0.775
t-test	18.088	19.826	14.504
df	991	1022	885
p-value	0.000	0.000	0.000
	Little saturation	Little saturation	Little saturation