

Table S5 HKA test for the Standard gene arrangement

Gene	ST_Obs_S	ST_Exp_S	Dmir_Obs_D	ST_Exp_D
pSTPP	11	8.22	5.28	8.07
en	18	11.11	3.28	10.18
pHYSC	11	10.05	8.68	9.62
exu1	5	3.08	0.96	2.88
pSTAR	45	34.47	22.87	33.4
pHYST	10	15.44	21.03	15.6
dSTPP	7	8.34	9.77	8.43
dSCTL	9	11.56	13.77	11.2
eve	2	3.41	4.58	3.16
Mef2	10	11.37	12.12	10.75
Amy1	13	11.3	8.66	10.36
pSCCH	5	9.44	13.71	9.27
dSTAR	25	23.31	19.28	20.97
dSCCH	1	2.42	3.77	2.35
F6	16	14.83	12.70	13.87
dHYSC	10	10.84	11.48	10.64
dHYST	18	26.86	34.56	25.7
EcR	4	3.93	3.57	3.64
T	2.53			
X2	18.22			
P	0.145			
sim	9813			