RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple
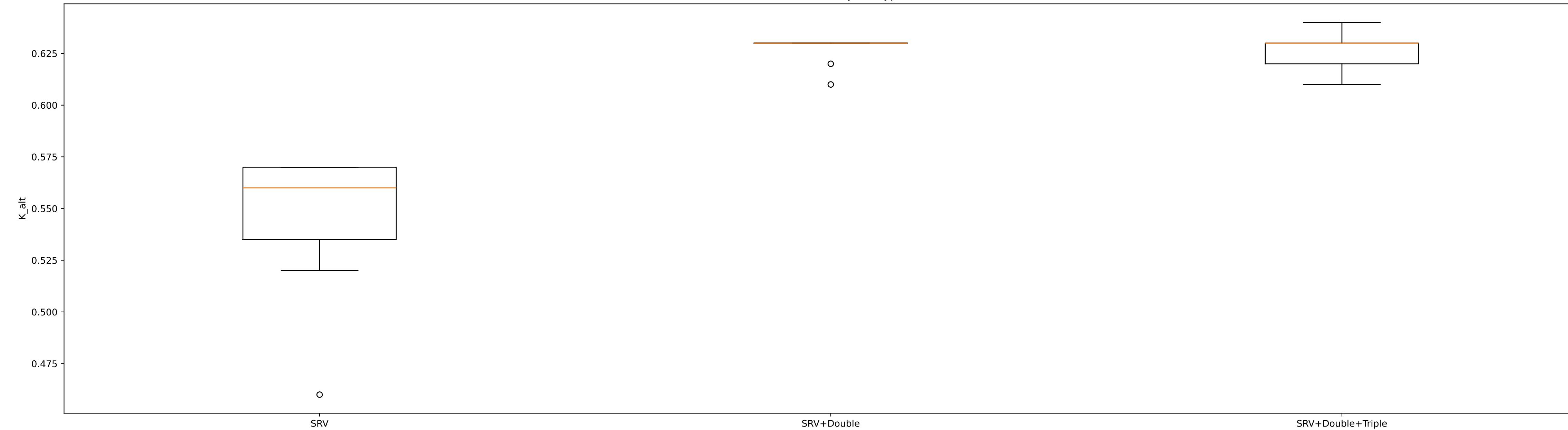
Includes:

- Run-type summary

- Boxplots: K, p-values, 2H/3H

- Full omega/SRV/multihit tables (column-paged)
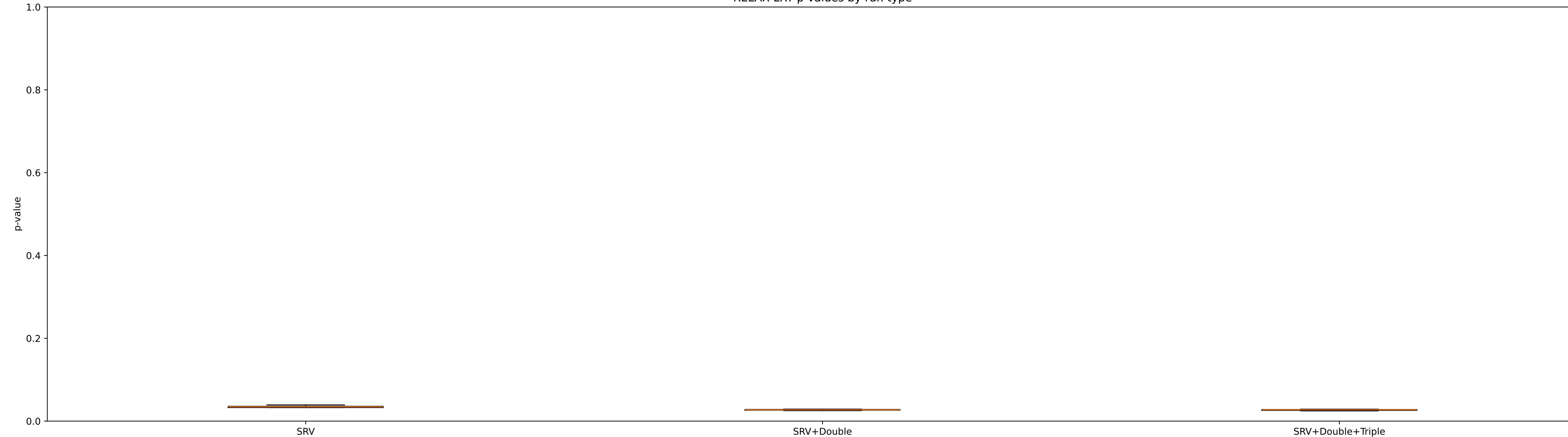
Run-type summary statistics

p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_median	omega_test_median	warnings_count	2H_reference_median	2H_test_median
0.0346	0.0326	0.0391	0.56	0.46	0.57	0.1882	0.3264	10	nan	nan
0.0272	0.0253	0.0289	0.63	0.61	0.63	0.1882	0.3264	10	0.1366	0.0
0.0274	0.0248	0.0288	0.63	0.61	0.64	0.1882	0.3264	10	0.1362	0.0
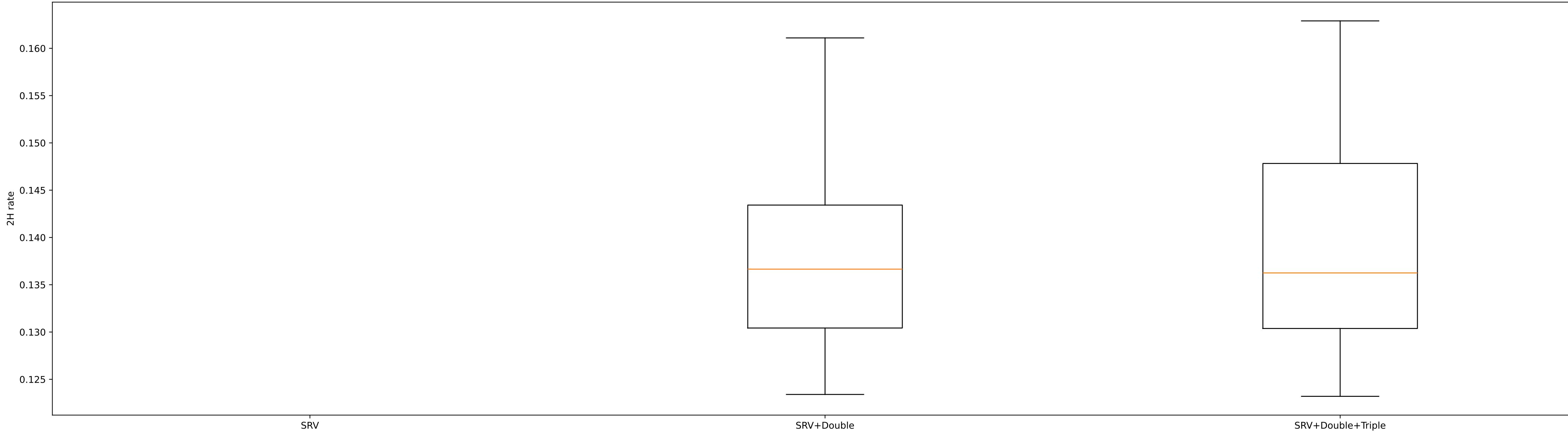
K (alternative) by run type

RELAX LRT p-values by run type

2H rates (reference) by run type
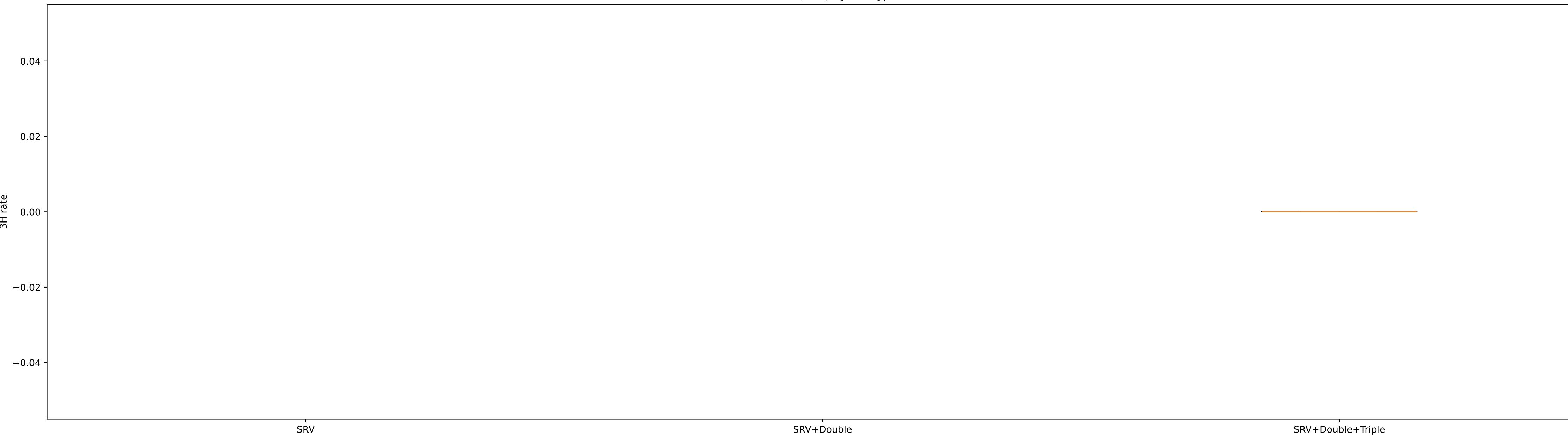
2H rates (test) by run type

3H rates (reference) by run type

3H rates (test) by run type

3H rate

SRV   SRV+Double   SRV+Double+Triple

0.04

0.02

0.00

−0.02

−0.04

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0344	0.56	0.1882	0.3264	
	2	0.0347	0.55	0.1882	0.3264	
	3	0.0328	0.57	0.1882	0.3264	
	4	0.0328	0.57	0.1882	0.3264	
	5	0.0355	0.53	0.1882	0.3264	
	6	0.0391	0.46	0.1882	0.3264	
	7	0.0327	0.57	0.1882	0.3264	
	8	0.0358	0.56	0.1882	0.3264	
	9	0.0386	0.52	0.1882	0.3264	
	10	0.0326	0.57	0.1882	0.3264	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0263	0.63	0.1882	0.3264	
	2	0.028	0.63	0.1882	0.3264	
	3	0.0281	0.63	0.1882	0.3264	
	4	0.0278	0.63	0.1882	0.3264	
	5	0.0256	0.63	0.1882	0.3264	
	6	0.0265	0.62	0.1882	0.3264	
	7	0.0289	0.63	0.1882	0.3264	
	8	0.0281	0.63	0.1882	0.3264	
	9	0.0265	0.61	0.1882	0.3264	
	10	0.0253	0.63	0.1882	0.3264	

Replicate-level summary — SRV+Double+Triple (page 1/1)

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0274	0.62	0.1882	0.3264	
	2	0.0288	0.61	0.1882	0.3264	
	3	0.0258	0.62	0.1882	0.3264	
	4	0.0248	0.64	0.1882	0.3264	
	5	0.0281	0.61	0.1882	0.3264	
	6	0.0285	0.63	0.1882	0.3264	
	7	0.0273	0.63	0.1882	0.3264	
	8	0.0277	0.63	0.1882	0.3264	
	9	0.0264	0.63	0.1882	0.3264	
	10	0.0255	0.63	0.1882	0.326	

test	Negative s election	0.086	10.673	SRV+Double
test	Negative s election	0.341	89.327	SRV+Double
test	Negative s election	0.021	10.673	SRV+Double
test	Negative s election	0.183	89.327	SRV+Double
reference	Diversifyi ng selecti on	0.105	0.0	SRV+Double
reference	Negative s election	0.0	30.122	SRV+Double
reference	Negative s election	0.257	69.878	SRV+Double
test	Diversifyi ng selecti on	1.033	0.0	SRV+Double
test	Negative s election	0.0	30.122	SRV+Double
test	Negative s election	0.257	69.878	SRV+Double
reference	Diversifyi ng selecti on	1.01	0.0	SRV+Double
reference	Negative s election	0.132	90.59	SRV+Double
reference	Negative s election	0.519	9.41	SRV+Double
test	Diversifyi ng selecti on	1.006	0.0	SRV+Double
test	Diversifyi ng selecti on	1.01	0.0	SRV+Double
test	Negative s election	0.279	90.59	SRV+Double
test	Negative s election	0.662	9.41	SRV+Double
test	Negative s election	0.132	90.59	SRV+Double
test	Negative s election	0.519	9.41	SRV+Double
reference	Diversifyi ng selecti on	1.588	0.0	SRV+Double
reference	Negative s election	0.142	91.241	SRV+Double
reference	Negative s election	0.576	8.759	SRV+Double
test	Diversifyi ng selecti on	1.588	0.0	SRV+Double
test	Negative s election	0.142	91.241	SRV+Double
test	Negative s election	0.576	8.759	SRV+Double
reference	Diversifyi ng selecti on	1.012	0.0	SRV+Double
reference	Negative s election	0.122	88.092	SRV+Double
reference	Negative s election	0.515	11.908	SRV+Double
test	Diversifyi ng selecti on	1.008	0.0	SRV+Double
test	Diversifyi ng selecti on	1.012	0.0	SRV+Double
test	Negative s election	0.271	88.092	SRV+Double
test	Negative s election	0.662	11.908	SRV+Double
test	Negative s election	0.122	88.092	SRV+Double
test	Negative s election	0.515	11.908	SRV+Double
reference	Diversifyi ng selecti on	1.563	0.0	SRV+Double
reference	Negative s election	0.132	88.378	SRV+Double
reference	Negative s election	0.551	11.622	SRV+Double
test	Diversifyi ng selecti on	1.563	0.0	SRV+Double
test	Negative s election	0.132	88.378	SRV+Double
test	Negative s election	0.551	11.622	SRV+Double
reference	Negative s election	0.018	11.216	SRV+Double
reference	Negative s election	0.178	87.994	SRV+Double
reference	Neutral ev olution	1.0	0.79	SRV+Double
test	Negative s election	0.08	11.216	SRV+Double
test	Negative s election	0.339	87.994	SRV+Double
test	Negative s election	0.018	11.216	SRV+Double
test	Negative s election	0.178	87.994	SRV+Double
test	Neutral ev olution	1.0	0.79	SRV+Double
test	Neutral ev olution	1.0	0.79	SRV+Double
reference	Diversifyi ng selecti	1.302	0.0	SRV+Double

class_id	syn_rate	proportion_per cent	run_type
1	0.018	23.208	SRV
2	0.92	51.828	SRV
3	2.079	24.964	SRV
1	0.052	25.895	SRV
2	0.967	49.967	SRV
3	2.086	24.138	SRV
1	0.081	28.382	SRV
2	1.014	48.121	SRV
3	2.082	23.497	SRV
1	0.034	24.483	SRV
2	0.945	51.197	SRV
3	2.089	24.321	SRV
1	0.061	26.559	SRV
2	0.971	48.619	SRV
3	2.061	24.822	SRV
1	0.162	35.371	SRV
2	0.999	30.244	SRV
3	1.863	34.386	SRV
1	0.089	29.087	SRV
2	1.027	47.615	SRV
3	2.082	23.298	SRV
1	0.0	21.336	SRV
2	0.855	50.362	SRV
3	2.012	28.302	SRV
1	0.0	20.938	SRV
2	0.829	49.448	SRV
3	1.993	29.614	SRV
1	0.082	28.467	SRV
2	1.02	48.568	SRV
3	2.096	22.965	SRV

Multihit (2H/3H) rates (all) (cols 1-6/6)

	reference	2H	0.1492	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.1371	SRV+Double	
	reference	2H	0.1428	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.1364	SRV+Double+Triple	
	reference	2H	0.1475	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1287	SRV+Double+Triple	
	reference	2H	0.1395	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1283	SRV+Double+Triple	
	reference	2H	0.151	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1232	SRV+Double+Triple	
	reference	2H	0.1352	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1328	SRV+Double+Triple	
	reference	2H	0.1466	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1308	SRV+Double+Triple	
	reference	2H	0.1421	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1263	SRV+Double+Triple	
	reference	2H	0.1557	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1488	SRV+Double+Triple	
	reference	2H	0.1629	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1242	SRV+Double+Triple	
	reference	2H	0.1492	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	