RELAX Combined Report

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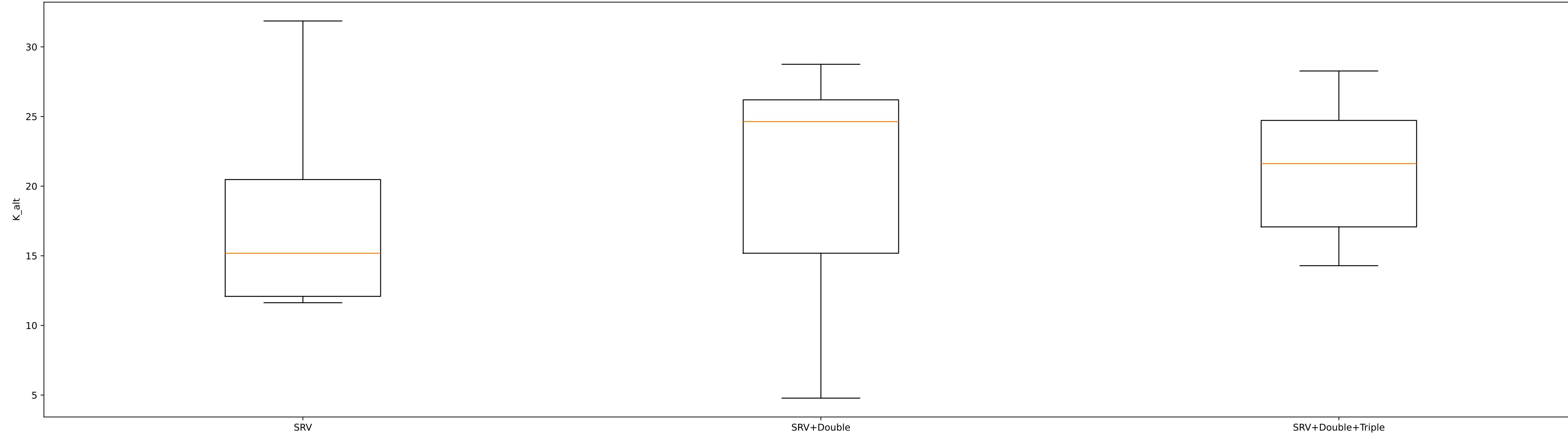
Includes:

- Run-type summary

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

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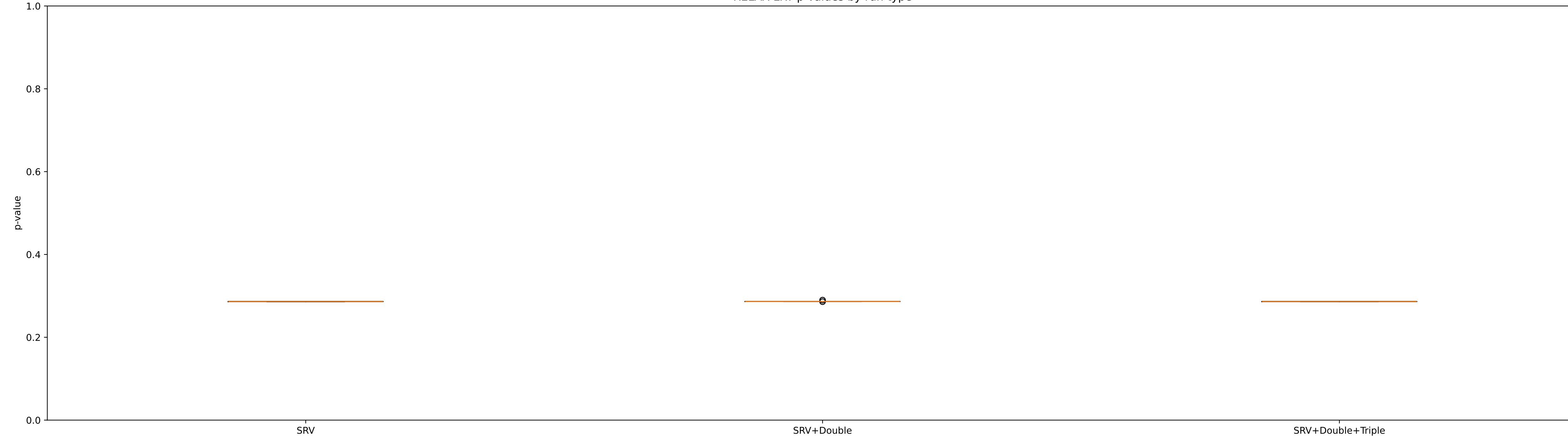
Run-type summary statistics

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
0.2862	0.2859	0.2865	15.18	11.63	31.86	0.2921	0.0	10	nan	nan
0.2864	0.286	0.2897	24.635	4.78	28.75	0.2921	0.0	10	0.0	0.0
0.2862	0.2861	0.2866	21.62	14.29	28.27	0.2921	0.0	10	0.0	0.0

K (alternative) by run type

RELAX LRT p-values by run type

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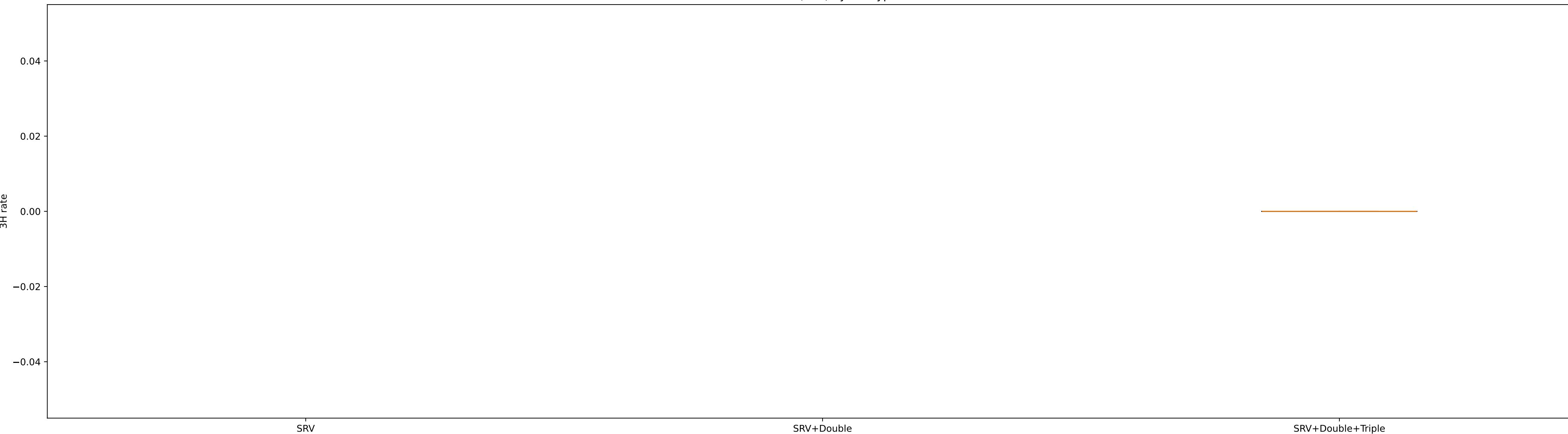
2H rates (test) by run type

3H rates (reference) by run type

3H rates (test) by run type

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2861	24.27	0.2921	0.0	
	2	0.2863	16.77	0.2921	0.0	
	3	0.2862	12.06	0.2921	0.0	
	4	0.2864	11.63	0.2921	0.0	
	5	0.2864	31.86	0.2921	0.0	
	6	0.286	18.0	0.2921	0.0	
	7	0.2862	12.17	0.2921	0.0	
	8	0.2859	21.3	0.2921	0.0	
	9	0.2864	13.59	0.2921	0.0	
	10	0.2865	11.93	0.2921	0.0	

	replicate	global_dNdS_reference	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1		0.2864	27.51	0.2921	0.0	
	2		0.2865	23.18	0.2921	0.0	
	3		0.2863	12.0	0.2921	0.0	
	4		0.2864	24.52	0.2921	0.0	
	5		0.2863	24.75	0.2921	0.0	
	6		0.2863	28.75	0.2921	0.0	
	7		0.2865	26.51	0.2921	0.0	
	8		0.2867	25.26	0.2921	0.0	
	9		0.286	12.52	0.2921	0.0	
	10		0.2897	4.78	0.2921	0.0	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2865	23.47	0.2921	0.0	
	2	0.2861	28.27	0.2921	0.0	
	3	0.2863	16.44	0.2921	0.0	
	4	0.2862	19.77	0.2921	0.0	
	5	0.2864	14.29	0.2921	0.0	
	6	0.2866	24.07	0.2921	0.0	
	7	0.2864	24.94	0.2921	0.0	
	8	0.2862	18.98	0.2921	0.0	
	9	0.2861	14.51	0.2921	0.0	
	10	0.2861	25.75	0.2921	0.0	

test	ng selecti	211075.275	0.0	SRV+Double
test	Diversifyi ng selecti on	1.649	0.0	SRV+Double
test	Negative s election	0.0	0.0	SRV+Double
test	Negative s election	0.0	100.0	SRV+Double
test	Negative s election	0.005	0.0	SRV+Double
test	Negative s election	0.305	100.0	SRV+Double
reference	Diversifyi ng selecti on	3.775	0.0	SRV+Double
reference	Negative s election	0.001	0.0	SRV+Double
reference	Negative s election	0.292	100.0	SRV+Double
test	Diversifyi ng selecti on	3.775	0.0	SRV+Double
test	Negative s election	0.001	0.0	SRV+Double
test	Negative s election	0.292	100.0	SRV+Double
reference	Diversifyi ng selecti on	2.451	0.0	SRV+Double
reference	Negative s election	0.002	0.0	SRV+Double
reference	Negative s election	0.304	100.0	SRV+Double
test	Diversifyi ng selecti on	2.451	0.0	SRV+Double
test	Negative s election	0.0	0.0	SRV+Double
test	Negative s election	0.0	100.0	SRV+Double
test	Negative s election	0.002	0.0	SRV+Double
test	Negative s election	0.304	100.0	SRV+Double
reference	Diversifyi ng selecti on	7.202	0.0	SRV+Double
reference	Negative s election	0.004	0.0	SRV+Double
reference	Negative s election	0.292	100.0	SRV+Double
test	Diversifyi ng selecti on	7.202	0.0	SRV+Double
test	Negative s election	0.004	0.0	SRV+Double
test	Negative s election	0.292	100.0	SRV+Double
reference	Diversifyi ng selecti on	2.021	0.0	SRV+Double
reference	Negative s election	0.268	44.171	SRV+Double
reference	Negative s election	0.334	55.829	SRV+Double
test	Diversifyi ng selecti on	2.021	0.0	SRV+Double
test	Negative s election	0.0	44.171	SRV+Double
test	Negative s election	0.0	55.829	SRV+Double
test	Negative s election	0.268	44.171	SRV+Double
test	Negative s election	0.334	55.829	SRV+Double
reference	Diversifyi ng selecti on	4.373	0.0	SRV+Double
reference	Negative s election	0.275	63.206	SRV+Double
reference	Negative s election	0.322	36.794	SRV+Double
test	Diversifyi ng selecti on	4.373	0.0	SRV+Double
test	Negative s election	0.275	63.206	SRV+Double
test	Negative s election	0.322	36.794	SRV+Double
reference	Diversifyi ng selecti on	2.314	0.0	SRV+Double
reference	Negative s election	0.016	0.0	SRV+Double
reference	Negative s election	0.304	100.0	SRV+Double
test	Diversifyi ng selecti on	2.314	0.0	SRV+Double
test	Negative s election	0.0	0.0	SRV+Double
test	Negative s election	0.0	100.0	SRV+Double
test	Negative s election	0.016	0.0	SRV+Double
test	Negative s election	0.304	100.0	SRV+Double
reference	Diversifyi ng selecti on	6.148	0.0	SRV+Double
reference	Negative s election	0.012	0.0	SRV+Double

class_id	syn_rate	proportion_percent	run_type
1	0.054	58.411	SRV
2	0.175	31.499	SRV
3	9.052	10.09	SRV
1	0.0	56.611	SRV
2	0.284	33.435	SRV
3	9.092	9.954	SRV
1	0.034	57.989	SRV
2	0.214	31.948	SRV
3	9.064	10.064	SRV
1	0.002	57.307	SRV
2	0.276	32.706	SRV
3	9.095	9.988	SRV
1	0.061	60.116	SRV
2	0.137	29.536	SRV
3	8.922	10.348	SRV
1	0.04	58.635	SRV
2	0.207	31.303	SRV
3	9.062	10.063	SRV
1	0.023	58.214	SRV
2	0.244	31.79	SRV
3	9.092	9.996	SRV
1	0.0	55.841	SRV
2	0.304	34.452	SRV
3	9.222	9.707	SRV
1	0.003	57.035	SRV
2	0.27	32.962	SRV
3	9.089	10.003	SRV
1	0.022	59.528	SRV
2	0.237	30.318	SRV
3	9.013	10.154	SRV

test	2H	0.0	SRV+Double	
reference	2H	0.0	SRV+Double	
test	2H	0.0	SRV+Double	
reference	2H	0.0	SRV+Double	
test	2H	0.0	SRV+Double	
reference	2H	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	SRV+Double+Triple	