

# RELAX Combined Report

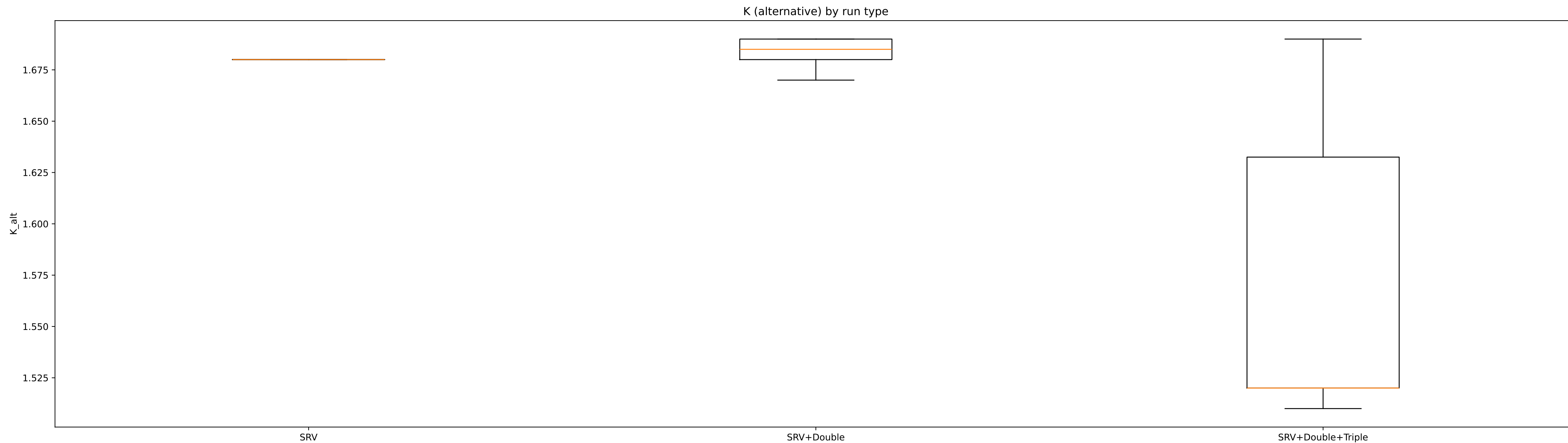
SRV vs SRV+Double vs SRV+Double+Triple

Includes:

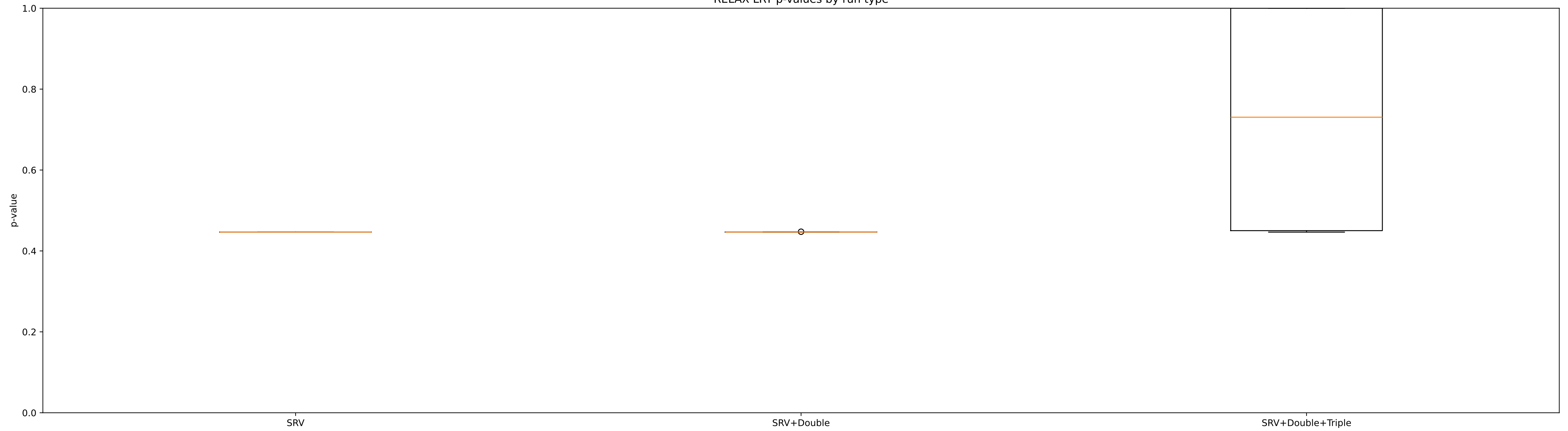
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

Run-type summary statistics

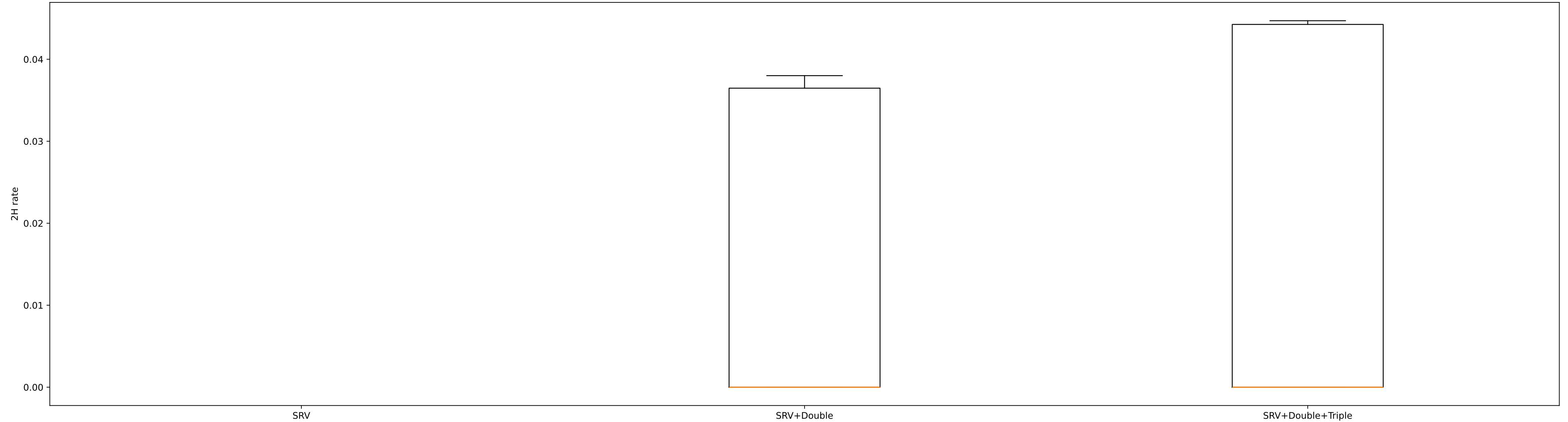
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.4468	0.4466	0.447	1.68	1.68	1.68	0.2426	0.0996	10	nan	nan
0.4468	0.4464	0.4475	1.685	1.67	1.69	0.2425	0.0996	10	0.0	0.0
0.7306	0.4465	1.0	1.52	1.51	1.69	0.2426	0.0995	10	0.0	0.0



RELAX LRT p-values by run type



2H rates (reference) by run type





3H rates (reference) by run type







	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4469	1.68	0.2424	0.0996	
	2	0.4467	1.68	0.2423	0.0995	
	3	0.4468	1.68	0.2426	0.0996	
	4	0.4469	1.68	0.2428	0.0995	
	5	0.4468	1.68	0.2425	0.0996	
	6	0.4467	1.68	0.2427	0.0996	
	7	0.4468	1.68	0.2427	0.0996	
	8	0.4466	1.68	0.2428	0.0996	
	9	0.4467	1.68	0.2428	0.0996	
	10	0.447	1.68	0.2424	0.0995	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4468	1.69	0.2427	0.0996	
	2	0.4467	1.68	0.2425	0.0996	
	3	0.4468	1.68	0.2425	0.0995	
	4	0.447	1.67	0.2427	0.0995	
	5	0.4475	1.67	0.2425	0.0996	
	6	0.4467	1.69	0.2426	0.0996	
	7	0.4467	1.69	0.2425	0.0995	
	8	0.4468	1.69	0.2422	0.0998	
	9	0.4464	1.69	0.2426	0.0994	
	10	0.4471	1.68	0.2425	0.0996	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	1.0	1.52	0.2424	0.0996	
	2	1.0	1.52	0.2428	0.0995	
	3	0.4467	1.67	0.2424	0.0995	
	4	1.0	1.52	0.2426	0.0994	
	5	0.4606	1.52	0.2425	0.0996	
	6	1.0	1.52	0.2427	0.0995	
	7	1.0	1.52	0.2426	0.0994	
	8	0.4465	1.69	0.2428	0.0997	
	9	0.4611	1.51	0.2424	0.0995	
	10	0.4467	1.69	0.2427	0.0996	

	test	Negative s election	0.076	90.033	SRV+Double	
	test	Negative s election	0.083	9.9	SRV+Double	
	test	Negative s election	0.212	90.033	SRV+Double	
	test	Negative s election	0.225	9.9	SRV+Double	
	reference	Diversifyi ng selecti on	100.95	0.067	SRV+Double	
	reference	Negative s election	0.207	10.073	SRV+Double	
	reference	Negative s election	0.211	89.86	SRV+Double	
	test	Diversifyi ng selecti on	99.905	0.067	SRV+Double	
	test	Negative s election	0.207	10.073	SRV+Double	
	test	Negative s election	0.211	89.86	SRV+Double	
	reference	Diversifyi ng selecti on	103.506	0.068	SRV+Double	
	reference	Negative s election	0.211	0.966	SRV+Double	
	reference	Negative s election	0.215	98.966	SRV+Double	
	test	Diversifyi ng selecti on	2276.261	0.068	SRV+Double	
	test	Diversifyi ng selecti on	103.506	0.068	SRV+Double	
	test	Negative s election	0.075	0.966	SRV+Double	
	test	Negative s election	0.077	98.966	SRV+Double	
	test	Negative s election	0.211	0.966	SRV+Double	
	test	Negative s election	0.215	98.966	SRV+Double	
	reference	Diversifyi ng selecti on	100.982	0.067	SRV+Double	
	reference	Negative s election	0.209	0.792	SRV+Double	
	reference	Negative s election	0.211	99.142	SRV+Double	
	test	Diversifyi ng selecti on	100.982	0.067	SRV+Double	
	test	Negative s election	0.209	0.792	SRV+Double	
	test	Negative s election	0.211	99.142	SRV+Double	
	reference	Diversifyi ng selecti on	107.102	0.067	SRV+Double	
	reference	Negative s election	0.214	93.466	SRV+Double	
	reference	Negative s election	0.218	6.467	SRV+Double	
	test	Diversifyi ng selecti on	2650.189	0.067	SRV+Double	
	test	Diversifyi ng selecti on	107.102	0.067	SRV+Double	
	test	Negative s election	0.074	93.466	SRV+Double	
	test	Negative s election	0.077	6.467	SRV+Double	
	test	Negative s election	0.214	93.466	SRV+Double	
	test	Negative s election	0.218	6.467	SRV+Double	
	reference	Diversifyi ng selecti on	100.093	0.067	SRV+Double	
	reference	Negative s election	0.206	6.566	SRV+Double	
	reference	Negative s election	0.211	93.367	SRV+Double	
	test	Diversifyi ng selecti on	100.093	0.067	SRV+Double	
	test	Negative s election	0.206	6.566	SRV+Double	
	test	Negative s election	0.211	93.367	SRV+Double	
	reference	Diversifyi ng selecti on	108.842	0.067	SRV+Double	
	reference	Negative s election	0.213	3.171	SRV+Double	
	reference	Negative s election	0.215	96.762	SRV+Double	
	test	Diversifyi ng selecti on	2720.216	0.067	SRV+Double	
	test	Diversifyi ng selecti on	108.842	0.067	SRV+Double	
	test	Negative s election	0.074	3.171	SRV+Double	
	test	Negative s election	0.075	96.762	SRV+Double	
	test	Negative s election	0.213	3.171	SRV+Double	
	test	Negative s election	0.215	96.762	SRV+Double	
	reference	Diversifyi ng selecti on	100.938	0.067	SRV+Double	

SRV rate classes (all) (cols 1-6/6)

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.024	31.178	SRV	
	2	0.024	33.074	SRV	
	3	2.755	35.748	SRV	
	1	0.023	36.548	SRV	
	2	0.024	27.671	SRV	
	3	2.753	35.781	SRV	
	1	0.024	28.747	SRV	
	2	0.024	35.524	SRV	
	3	2.756	35.729	SRV	
	1	0.023	35.574	SRV	
	2	0.024	28.661	SRV	
	3	2.753	35.765	SRV	
	1	0.023	32.781	SRV	
	2	0.024	31.464	SRV	
	3	2.754	35.755	SRV	
	1	0.024	30.645	SRV	
	2	0.024	33.618	SRV	
	3	2.755	35.737	SRV	
	1	0.024	35.434	SRV	
	2	0.024	28.822	SRV	
	3	2.755	35.744	SRV	
	1	0.024	36.501	SRV	
	2	0.024	27.75	SRV	
	3	2.755	35.749	SRV	
	1	0.024	34.716	SRV	
	2	0.024	29.526	SRV	
	3	2.754	35.758	SRV	
	1	0.024	29.874	SRV	
	2	0.024	34.394	SRV	
	3	2.756	35.732	SRV	

	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	0.0444	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	0.0442	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	0.0444	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	0.0444	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	0.0447	SRV+Double+Triple	
	reference	2H	0.0214	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	0.022	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	