

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)

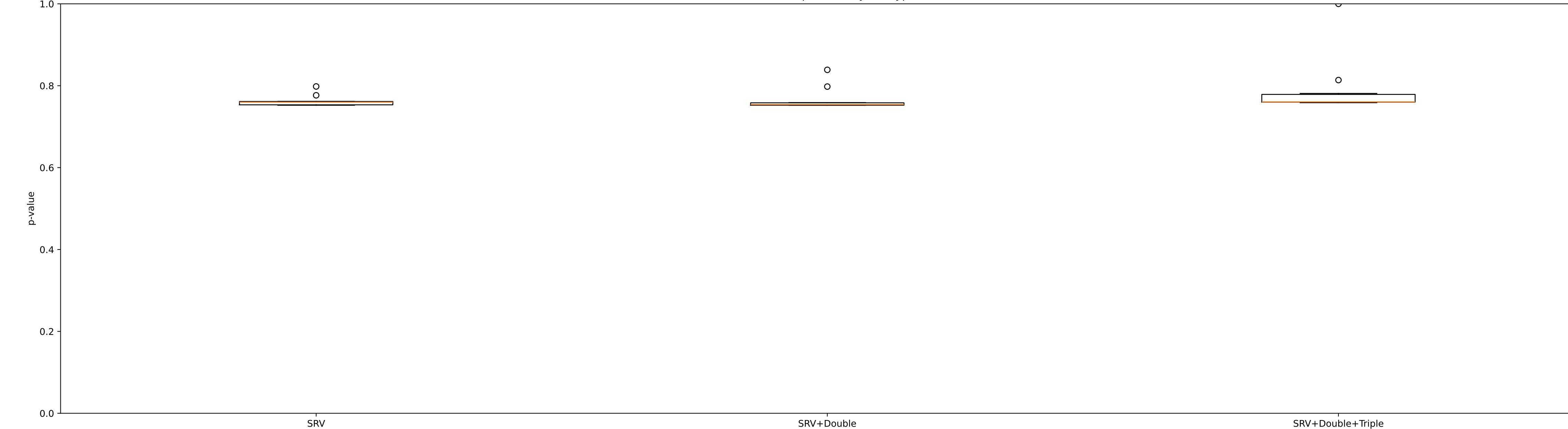
Run-type summary statistics

p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_medi an	omega_test_medi an	warnings_count	2H_reference_m edian	2H_test_median
0.7598	0.7523	0.7982	1.205	1.2	1.23	0.2355	0.1929	10	nan	nan
0.7541	0.7523	0.8388	1.21	1.19	1.22	0.2355	0.1929	10	0.0	0.0
0.7607	0.7586	1.0	1.19	0.0	1.2	0.2355	0.1929	10	0.0	0.0

K (alternative) by run type



RELAX LRT p-values by run type



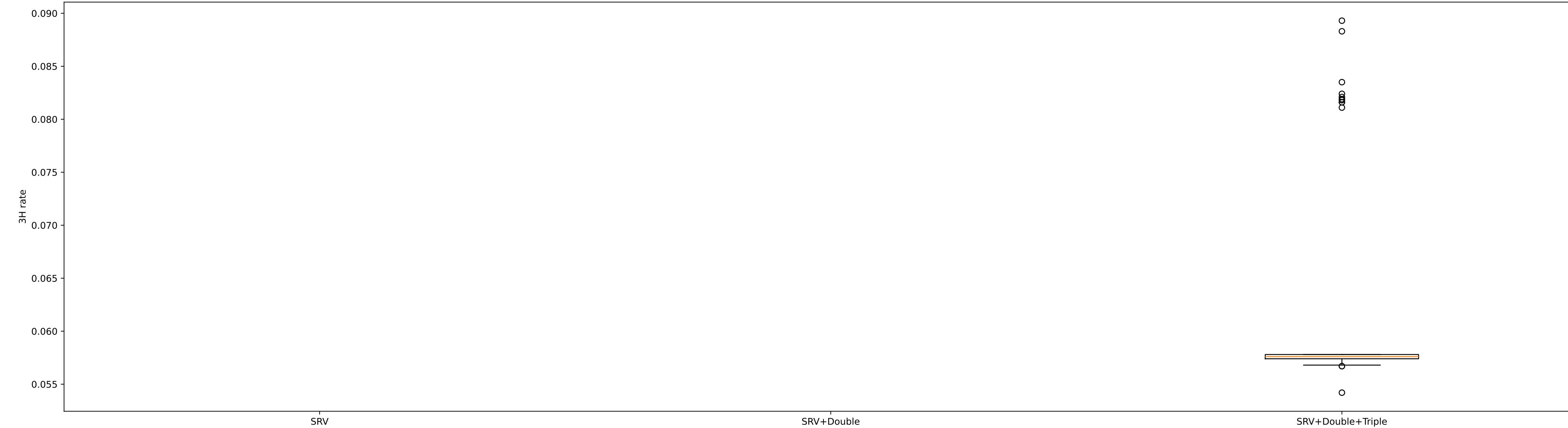
2H rates (reference) by run type



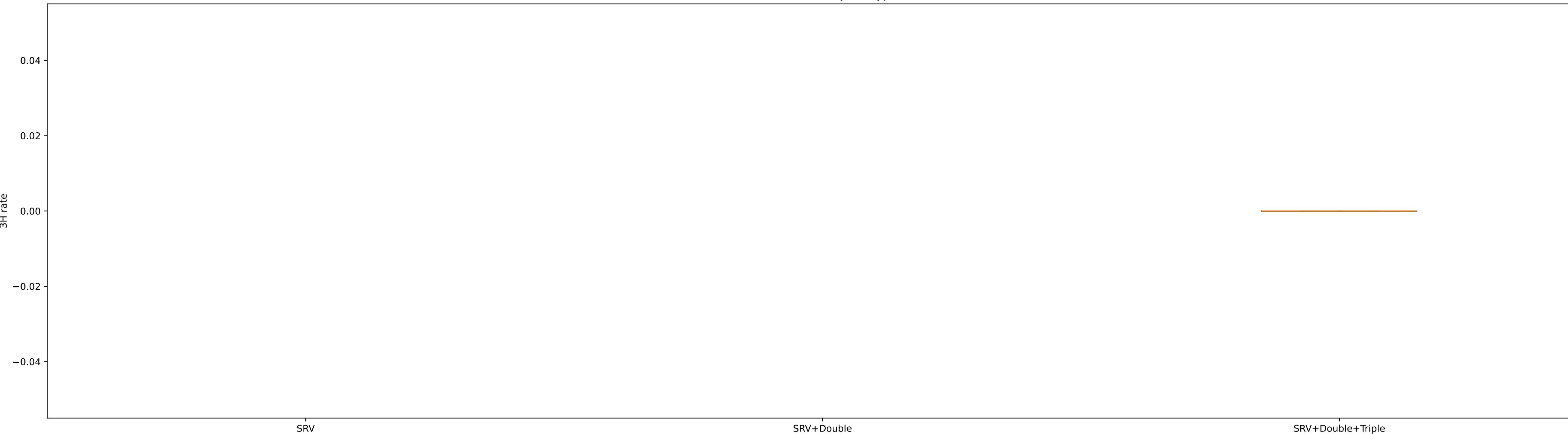
2H rates (test) by run type



3H rates (reference) by run type



3H rates (test) by run type



Replicate-level summary — SRV (page 1/1)

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.7527	1.21	0.2353	0.1932
	2	0.7552	1.21	0.2355	0.1929
	3	0.7525	1.21	0.2355	0.1929
	4	0.7766	1.23	0.2353	0.1932
	5	0.7982	1.2	0.2355	0.1929
	6	0.7604	1.2	0.2355	0.1929
	7	0.7523	1.21	0.2355	0.1929
	8	0.7617	1.2	0.2355	0.1929
	9	0.7593	1.2	0.2355	0.1929
	10	0.7609	1.2	0.2355	0.1929

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.7979	1.19	0.2353	0.1932
	2	0.7524	1.21	0.2355	0.1929
	3	0.8388	1.19	0.2355	0.1929
	4	0.7523	1.21	0.2355	0.1929
	5	0.7524	1.21	0.2355	0.1929
	6	0.7567	1.2	0.2355	0.1929
	7	0.7525	1.21	0.2353	0.1932
	8	0.7557	1.22	0.2355	0.1929
	9	0.7588	1.2	0.2355	0.1929
	10	0.7525	1.21	0.2355	0.1929

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.7811	1.16	0.2355	0.1929
	2	0.76	1.19	0.2355	0.1929
	3	0.7603	1.19	0.2355	0.1929
	4	1.0	0.0	0.2355	0.1929
	5	0.8138	1.18	0.2355	0.1929
	6	0.7589	1.2	0.2355	0.1929
	7	0.7586	1.19	0.2355	0.1931
	8	0.761	1.19	0.2355	0.1929
	9	0.772	1.17	0.2355	0.1929
	10	0.7602	1.19	0.2353	0.1932

test		Negative s election	0.0	43.966	SRV+Double
test		Negative s election	0.345	56.034	SRV+Double
test		Negative s election	0.0	43.966	SRV+Double
test		Negative s election	0.416	56.034	SRV+Double
reference		Diversifying selecting on	0.0	0.0	SRV+Double
reference		Negative s election	0.0	44.031	SRV+Double
reference		Negative s election	0.416	55.969	SRV+Double
test		Negative s election	1.165	0.0	SRV+Double
test		Negative s election	0.0	44.031	SRV+Double
test		Negative s election	0.416	55.969	SRV+Double
reference		Diversifying selecting on	1.002	0.0	SRV+Double
reference		Negative s election	0.0	43.985	SRV+Double
reference		Negative s election	0.416	56.015	SRV+Double
test		Diversifying selecting on	1.002	0.0	SRV+Double
test		Diversifying selecting on	1.002	0.0	SRV+Double
test		Negative s election	0.0	43.985	SRV+Double
test		Negative s election	0.345	56.015	SRV+Double
test		Negative s election	0.0	43.985	SRV+Double
test		Negative s election	0.416	56.015	SRV+Double
reference		Diversifying selecting on	1.154	0.0	SRV+Double
reference		Negative s election	0.0	44.041	SRV+Double
reference		Negative s election	0.416	55.959	SRV+Double
test		Diversifying selecting on	1.154	0.0	SRV+Double
test		Negative s election	0.0	44.041	SRV+Double
test		Negative s election	0.416	55.959	SRV+Double
reference		Diversifying selecting on	1.002	0.0	SRV+Double
reference		Negative s election	0.0	41.865	SRV+Double
reference		Negative s election	0.401	58.135	SRV+Double
test		Diversifying selecting on	1.002	0.0	SRV+Double
test		Diversifying selecting on	1.002	0.0	SRV+Double
test		Negative s election	0.0	41.865	SRV+Double
test		Negative s election	0.333	58.135	SRV+Double
test		Negative s election	0.0	41.865	SRV+Double
test		Negative s election	0.401	58.135	SRV+Double
reference		Diversifying selecting on	1.154	0.0	SRV+Double
reference		Negative s election	0.0	42.192	SRV+Double
reference		Negative s election	0.402	57.808	SRV+Double
test		Diversifying selecting on	1.154	0.0	SRV+Double
test		Negative s election	0.0	42.192	SRV+Double
test		Negative s election	0.402	57.808	SRV+Double
reference		Diversifying selecting on	1.002	0.0	SRV+Double
reference		Negative s election	0.0	43.947	SRV+Double
reference		Negative s election	0.416	56.053	SRV+Double
test		Diversifying selecting on	1.003	0.0	SRV+Double
test		Diversifying selecting on	1.002	0.0	SRV+Double
test		Negative s election	0.0	43.947	SRV+Double
test		Negative s election	0.345	56.053	SRV+Double
test		Negative s election	0.0	43.947	SRV+Double
test		Negative s election	12	56.053	SRV+Double
reference		Diversifying selecting on	0.416	0.0	SRV+Double
reference		1.165	0.0	0.0	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
SRV	1	0.0	10.109	SRV	
	2	0.943	78.729	SRV	
	3	2.311	11.161	SRV	
	1	0.0	10.075	SRV	
	2	0.94	78.6	SRV	
	3	2.305	11.325	SRV	
	1	0.0	10.116	SRV	
	2	0.943	78.788	SRV	
	3	2.316	11.096	SRV	
SRV	1	0.0	10.041	SRV	
	2	0.937	78.113	SRV	
	3	2.262	11.846	SRV	
	1	0.0	10.064	SRV	
	2	0.938	78.249	SRV	
	3	2.273	11.687	SRV	
	1	0.0	10.145	SRV	
	2	0.945	79.06	SRV	
	3	2.34	10.795	SRV	
SRV	1	0.0	10.117	SRV	
	2	0.943	78.798	SRV	
	3	2.317	11.085	SRV	
	1	0.0	10.105	SRV	
	2	0.942	78.563	SRV	
	3	2.295	11.332	SRV	
	1	0.0	10.141	SRV	
	2	0.945	79.02	SRV	
	3	2.337	10.839	SRV	
SRV	1	0.0	10.141	SRV	
	2	0.945	79.07	SRV	
	3	2.342	10.789	SRV	

	reference		3H	0.0576	SRV+Double+Triple	
	reference		3H	0.0567	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	0.0811	SRV+Double+Triple	
	reference		3H	0.0578	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	0.0578	SRV+Double+Triple	
	reference		3H	0.0574	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	0.0819	SRV+Double+Triple	
	reference		3H	0.0577	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	0.0578	SRV+Double+Triple	
	reference		3H	0.0574	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	0.0835	SRV+Double+Triple	
	reference		3H	0.0542	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	0.0577	SRV+Double+Triple	
	reference		3H	0.0574	SRV+Double+Triple	
	reference		3H	0.0576	SRV+Double+Triple	
	reference		3H	0.0573	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	0.0818	SRV+Double+Triple	
	reference		3H	0.0567	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	0.0568	SRV+Double+Triple	
	reference		3H	0.0569	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	0.0883	SRV+Double+Triple	
	reference		3H	0.0576	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	