

# RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

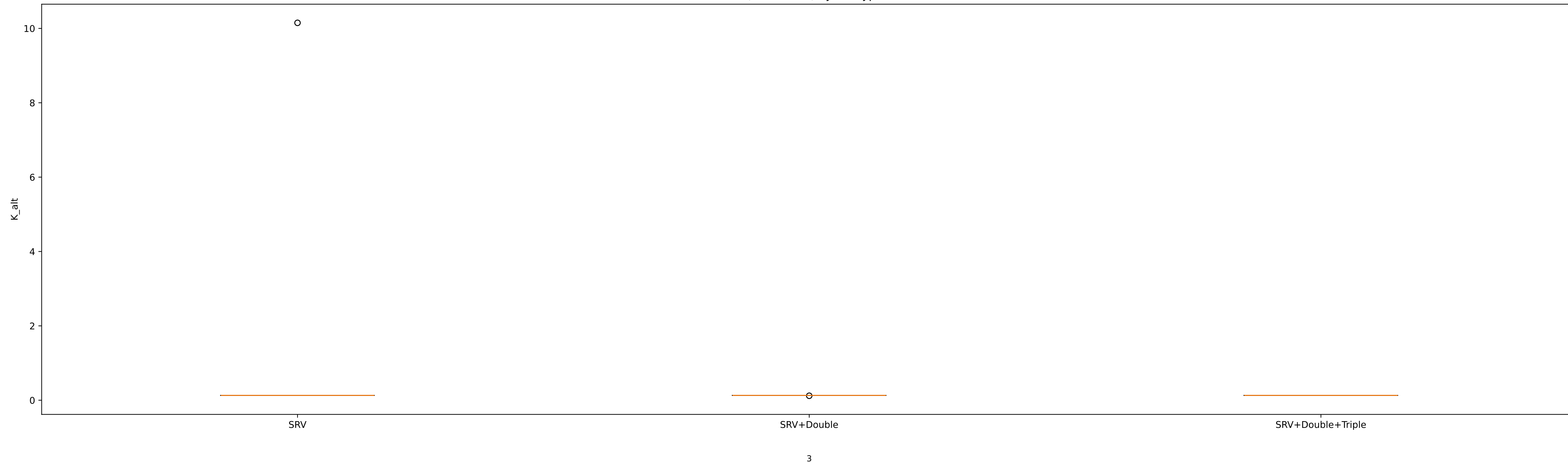
Includes:

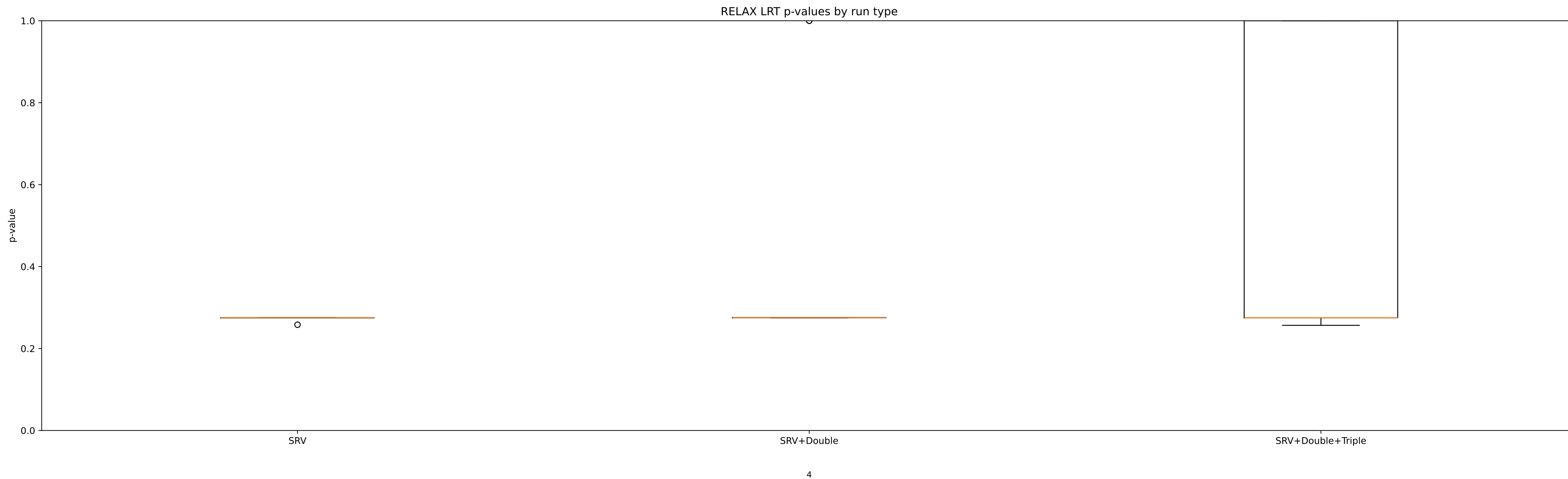
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

Run-type summary statistics

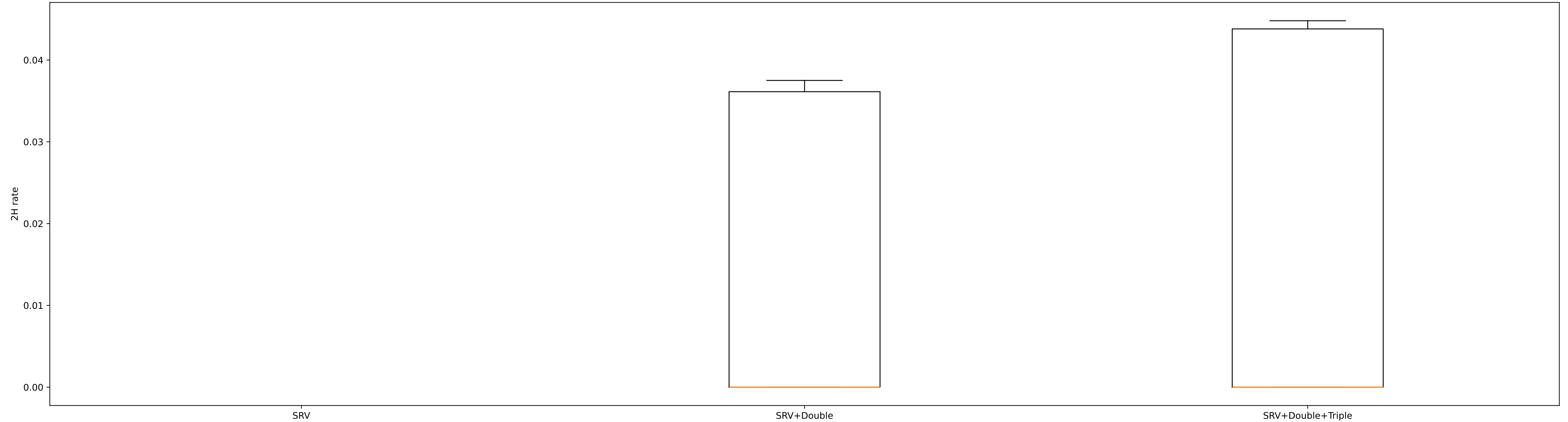
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.2751	0.2581	0.2752	0.13	0.13	10.15	0.2332	0.7968	9	nan	nan
0.2754	0.2749	1.0	0.13	0.12	0.13	0.2332	0.7964	10	0.0	0.0
0.2751	0.2566	1.0	0.13	0.13	0.13	0.2332	0.7969	10	0.0	0.0

K (alternative) by run type





2H rates (reference) 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	nan	nan	0.2332	0.7969	
	2	0.2581	10.15	0.2331	0.7968	
	3	0.2751	0.13	0.2332	0.7942	
	4	0.2751	0.13	0.2331	0.7936	
	5	0.275	0.13	0.2331	0.7936	
	6	0.275	0.13	0.2333	0.7968	
	7	0.2751	0.13	0.2333	0.7968	
	8	0.2751	0.13	0.2335	0.7975	
	9	0.275	0.13	0.2335	0.7975	
	10	0.2752	0.13	0.2333	0.794	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	1.0	0.13	0.2333	0.7969	
	2	0.2754	0.13	0.2334	0.7976	
	3	0.275	0.13	0.2335	0.7975	
	4	1.0	0.13	0.2332	0.7952	
	5	0.2752	0.13	0.2335	0.7922	
	6	0.2749	0.13	0.2331	0.7936	
	7	0.2755	0.13	0.2331	0.7936	
	8	0.2756	0.13	0.2333	0.7969	
	9	0.2756	0.13	0.2332	0.7969	
	10	0.2751	0.12	0.2332	0.7958	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.275	0.13	0.2333	0.7969	
	2	1.0	0.13	0.2334	0.7976	
	3	0.275	0.13	0.2331	0.7998	
	4	1.0	0.13	0.2334	0.7979	
	5	1.0	0.13	0.2331	0.7992	
	6	0.2566	0.13	0.2332	0.7952	
	7	1.0	0.13	0.2335	0.7922	
	8	0.2751	0.13	0.2333	0.7938	
	9	0.2751	0.13	0.2332	0.7969	
	10	0.2751	0.13	0.2332	0.7969	

		test	Negative selection	0.21	99.699	SRV+Double	
		test	Negative selection	0.211	0.234	SRV+Double	
		reference	Diversifying selection	101.249	0.063	SRV+Double	
		reference	Negative selection	0.203	20.146	SRV+Double	
		reference	Negative selection	0.208	79.791	SRV+Double	
		test	Diversifying selection	1.805	0.063	SRV+Double	
		test	Diversifying selection	101.249	0.063	SRV+Double	
		test	Negative selection	0.816	20.146	SRV+Double	
		test	Negative selection	0.818	79.791	SRV+Double	
		test	Negative selection	0.203	20.146	SRV+Double	
		test	Negative selection	0.208	79.791	SRV+Double	
		reference	Diversifying selection	100.804	0.067	SRV+Double	
		reference	Negative selection	0.209	78.443	SRV+Double	
		reference	Negative selection	0.215	21.49	SRV+Double	
		test	Diversifying selection	100.804	0.067	SRV+Double	
		test	Negative selection	0.209	78.443	SRV+Double	
		test	Negative selection	0.215	21.49	SRV+Double	
		reference	Diversifying selection	101.342	0.063	SRV+Double	
		reference	Negative selection	0.206	87.46	SRV+Double	
		reference	Negative selection	0.21	12.477	SRV+Double	
		test	Diversifying selection	1.799	0.063	SRV+Double	
		test	Diversifying selection	101.342	0.063	SRV+Double	
		test	Negative selection	0.818	87.46	SRV+Double	
		test	Negative selection	0.82	12.477	SRV+Double	
		test	Negative selection	0.206	87.46	SRV+Double	
		test	Negative selection	0.21	12.477	SRV+Double	
		reference	Diversifying selection	98.967	0.067	SRV+Double	
		reference	Negative selection	0.209	87.702	SRV+Double	
		reference	Negative selection	0.22	12.231	SRV+Double	
		test	Diversifying selection	98.967	0.067	SRV+Double	
		test	Negative selection	0.209	87.702	SRV+Double	
		test	Negative selection	0.22	12.231	SRV+Double	
		reference	Diversifying selection	100.888	0.063	SRV+Double	
		reference	Negative selection	0.201	25.017	SRV+Double	
		reference	Negative selection	0.209	74.92	SRV+Double	
		test	Diversifying selection	1.798	0.063	SRV+Double	
		test	Diversifying selection	100.888	0.063	SRV+Double	
		test	Negative selection	0.815	25.017	SRV+Double	
		test	Negative selection	0.82	74.92	SRV+Double	
		test	Negative selection	0.201	25.017	SRV+Double	
		test	Negative selection	0.209	74.92	SRV+Double	
		reference	Diversifying selection	100.649	0.067	SRV+Double	
		reference	Negative selection	0.209	73.382	SRV+Double	
		reference	Negative selection	0.213	26.551	SRV+Double	
		test	Diversifying selection	100.649	0.067	SRV+Double	
		test	Negative selection	0.209	73.382	SRV+Double	
		test	Negative selection	0.213	26.551	SRV+Double	
		reference	Diversifying selection	101.208	0.063	SRV+Double	
		reference	Negative selection	0.197	24.009	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.0	58.288	SRV	
	2	2.117	40.853	SRV	
	3	15.713	0.859	SRV	
	1	0.025	33.791	SRV	
	2	0.025	30.544	SRV	
	3	2.759	35.666	SRV	
	1	0.025	29.065	SRV	
	2	0.025	35.27	SRV	
	3	2.759	35.666	SRV	
	1	0.025	31.745	SRV	
	2	0.026	32.618	SRV	
	3	2.761	35.637	SRV	
	1	0.025	37.253	SRV	
	2	0.025	27.079	SRV	
	3	2.759	35.668	SRV	
	1	0.025	34.516	SRV	
	2	0.025	29.812	SRV	
	3	2.759	35.671	SRV	
	1	0.024	27.832	SRV	
	2	0.024	36.466	SRV	
	3	2.757	35.702	SRV	
	1	0.025	37.171	SRV	
	2	0.025	27.144	SRV	
	3	2.758	35.685	SRV	
	1	0.024	25.504	SRV	
	2	0.025	38.812	SRV	
	3	2.758	35.684	SRV	

[illegible]