

S1	Shuangao Insect virus 7	Human-derived Jingmen virus	Cq_Y_D_22.1	Cq_Y_D_22.2	Cq_Y_R_22.1	Cw_Y_D_22	Cq_Y_R_23
Shuangao Insect virus 7		76.85	96.1	88.12	95.45	82.26	77.23
Human-derived Jingmen virus	676		99.11	99.21	99.69	98.87	98.63
Cq_Y_D_22.1	114	26		99.01	99.97	99.25	99.21
Cq_Y_D_22.2	347	23	29		99.62	99.14	99.01
Cq_Y_R_22.1	133	9	1	11		99.73	99.76
Cw_Y_D_22	518	33	22	25	8		99.25
Cq_Y_R_23	665	40	23	29	7	22	

S3	Shuangao Insect virus 7	Human-derived Jingmen virus	Aa_Y_D_22	Cq_Y_D_22.1	Cq_Y_D_22.2	Cq_Y_R_22.1	Cw_Y_D_22	Ag_G_R_23	Cq_Y_R_23
Shuangao Insect virus 7		79.21	93.94	91.19	88.78	94.54	82.38	98.27	82.51
Human-derived Jingmen virus	552		99.77	99.43	98.45	99.66	99.21	99.92	98.79
Aa_Y_D_22	161	6		99.92	99.81	100	99.81	99.96	99.47
Cq_Y_D_22.1	234	15	2		99.28	99.92	99.7	99.96	99.47
Cq_Y_D_22.2	298	41	5	19		99.81	99.1	99.92	98.64
Cq_Y_R_22.1	145	9	0	2	5		99.66	99.92	99.47
Cw_Y_D_22	468	21	5	8	24	9		99.85	99.1
Ag_G_R_23	46	2	1	1	2	2	4		99.81
Cq_Y_R_23	465	32	14	14	36	14	24	5	

S2	Shuangao Insect virus 7	Human-derived Jingmen virus	Aa_Y_D_22	Cq_Y_D_22.1	Cq_Y_D_22.2	Cw_Y_D_22	Cq_Y_R_23
Shuangao Insect virus 7		43.8	83.15	90.15	68.34	68.4	50.96
Human-derived Jingmen virus	907		99.81	99.63	99.56	99.69	99.38
Aa_Y_D_22	272	3		99.94	99.88	99.94	99.81
Cq_Y_D_22.1	159	6	1		99.69	99.69	99.44
Cq_Y_D_22.2	511	7	2	5		99.69	99.44
Cw_Y_D_22	510	5	1	5	5		99.69
Cq_Y_R_23	792	10	3	9	9	5	

S4	Shuangao Insect virus 7	Human-derived Jingmen virus	Aa_Y_D_22	Cq_Y_D_22.1	Cq_Y_D_22.2	Cq_Y_R_22.1	Cq_Y_R_22.2	Cw_Y_D_22	Cq_Y_R_23
Shuangao Insect virus 7		74.7	96.01	97.33	89.55	97.85	98.76	84.76	78.33
Human-derived Jingmen virus	634		99.68	99.64	97.96	99.72	99.76	99.16	98.88
Aa_Y_D_22	100	8		100	99.96	100	99.96	100	99.76
Cq_Y_D_22.1	67	9	0		100	100	100	99.88	99.72
Cq_Y_D_22.2	262	51	1	0		99.84	99.92	98.8	98.12
Cq_Y_R_22.1	54	7	0	0	4		100	99.96	99.92
Cq_Y_R_22.2	31	6	1	0	2	0		99.96	99.92
Cw_Y_D_22	382	21	0	3	30	1	1		99.28
Cq_Y_R_23	543	28	6	7	47	2	2	18	