Table S2. Virulence frequency within the annual *Pgt* populations 2009 - 2019

Sr -genes	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2009-2019
Sr_5	1 ± 0	0.983 ± 0.017	1 ± 0	0.980 ± 0.020	0.971 ± 0.028	1 ± 0	0.983 ± 0.017	0.900 ± 0.095	1 ± 0	1 ± 0	1 ± 0	0.985 ± 0.007
Sr_21	1 ± 0	1 ± 0	1 ± 0	0.960 ± 0.028	0.971 ± 0.028	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	0.991 ± 0.005
Sr_9e	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	0.714 ± 0.171	0.994 ± 0.004
Sr_7b	1 ± 0	0.933 ± 0.032	0.967 ± 0.033	0.880 ± 0.046	0.943 ± 0.039	0.943 ± 0.039	0.967 ± 0.023	1 ± 0	0.950 ± 0.049	1 ± 0	0.429 ± 0.187	0.935 ± 0.013
Sr_11	0.267 ± 0.114	1 ± 0	0.933 ± 0.046	0.940 ± 0.034	0.657 ± 0.080	0.600 ± 0.083	1 ± 0	0.500 ± 0.158	0.150 ± 0.080	0.643 ± 0.128	0.286 ± 0.171	0.780 ± 0.023
Sr_6	1 ± 0	1 ± 0	0.967 ± 0.033	0.980 ± 0.020	0.943 ± 0.039	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	0.988 ± 0.006
Sr_8a	1 ± 0	0.983 ± 0.017	1 ± 0	1 ± 0	0.943 ± 0.039	0.971 ± 0.028	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	0.988 ± 0.006
Sr_9g	1 ± 0	0.950 ± 0.028	1 ± 0	0.940 ± 0.034	0.971 ± 0.028	1 ± 0	0.983 ± 0.017	1 ± 0	1 ± 0	1 ± 0	0.857 ± 0.132	0.973 ± 0.009
Sr_36	0.933 ± 0.064	0.300 ± 0.059	0.200 ± 0.073	0.540 ± 0.070	0.314 ± 0.078	0.514 ± 0.084	0.967 ± 0.023	0.700 ± 0.145	0.550 ± 0.111	1 ± 0	0.857 ± 0.132	0.565 ± 0.027
Sr_9b	1 ± 0	0.967 ± 0.023	0.967 ± 0.033	0.980 ± 0.020	0.943 ± 0.039	0.914 ± 0.047	1 ± 0	0.800 ± 0.126	0.950 ± 0.049	1 ± 0	1 ± 0	0.964 ± 0.010
Sr_30	1 ± 0	0.917 ± 0.036	1 ± 0	0.980 ± 0.020	1 ± 0	0.829 ± 0.064	0.183 ± 0.050	0.700 ± 0.145	0.850 ± 0.080	0.571 ± 0.132	0.714 ± 0.171	0.777 ± 0.023
Sr_17	0.933 ± 0.064	1 ± 0	0.967 ± 0.033	1 ± 0	0.971 ± 0.028	0.914 ± 0.047	0.417 ± 0.064	1 ± 0	0.900 ± 0.067	0.571 ± 0.132	0.571 ± 0.187	0.845 ± 0.020
Sr_9a	1 ± 0	0.750 ± 0.056	1 ± 0	0.960 ± 0.028	0.914 ± 0.047	0.943 ± 0.039	0.933 ± 0.032	0.800 ± 0.126	1 ± 0	1 ± 0	0.143 ± 0.132	0.899 ± 0.016
Sr_9d	1 ± 0	0.950 ± 0.028	1 ± 0	1 ± 0	0.943 ± 0.039	1 ± 0	0.983 ± 0.017	1 ± 0	1 ± 0	1 ± 0	1 ± 0	0.982 ± 0.007
Sr_10	1 ± 0	1 ± 0	0.967 ± 0.033	1 ± 0	1 ± 0	0.971 ± 0.028	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	0.994 ± 0.004
Sr_Tmp	1 ± 0	0.983 ± 0.017	1 ± 0	0.980 ± 0.020	0.943 ± 0.039	0.971 ± 0.028	0.950 ± 0.028	0.900 ± 0.095	1 ± 0	0.929 ± 0.069	0.571 ± 0.187	0.961 ± 0.011
Sr_24	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0
Sr_31	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0
Sr_38	1 ± 0	1 ± 0	0.867 ± 0.062	1 ± 0	0.457 ± 0.084	0.714 ± 0.076	0.150 ± 0.046	0.100 ± 0.095	0.750 ± 0.097	0.500 ± 0.134	0.286 ± 0.171	0.673 ± 0.026
Sr_McN	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0	1 ± 0