

Table S9a. Fragment analysis of O1G1370 *modA13* ON/OFF Original Inoculum and Survival+3hrs

Sample	% ON in O1G1370 ON Inoculum	Average % ON or OFF	Std dev
O1G1370Inoculum ON_1	92.84		
O1G1370Inoculum ON_2	91.98		
O1G1370Inoculum ON_3	97.60	94.14	3.03
	% ON in O1G1370 ON_survial+3		
O1G1370ON_1+3	55.91		
O1G1370ON_2+3	67.81		
O1G1370ON_3+3	26.76	50.16	21.12
	% OFF in O1G1370 ON Inoculum		
O1G1370Inoculum ON_1	7.16		
O1G1370Inoculum ON_2	8.02		
O1G1370Inoculum ON_3	2.40	5.86	3.03
	% OFF in O1G1370 ON_survial+3		
O1G1370ON_1+3	44.09		
O1G1370ON_2+3	32.20		
O1G1370ON_3+3	73.24	49.84	21.12
	% ON in O1G1370 OFF Inoculum		
O1G1370Inoculum OFF_1	7.45		
O1G1370Inoculum OFF_2	7.21		
O1G1370Inoculum OFF_3	9.10	7.92	1.03
	% ON in O1G1370 OFF_survial+3		
O1G1370OFF_1+3	1.46		
O1G1370OFF_2+3	11.91		
O1G1370OFF_3+3	9.52	7.63	5.47
	% OFF in O1G1370 OFF Inoculum		
O1G1370Inoculum OFF_1	92.54		
O1G1370Inoculum OFF_2	92.79		
O1G1370Inoculum OFF_3	90.89	92.07	1.03
	% OFF in O1G1370 OFF_survial+3		
O1G1370OFF_1+3	98.54		
O1G1370OFF_2+3	88.09		
O1G1370OFF_3+3	90.48	93.37	5.47

Table S9b. O1G1370 *ModA13* ON/OFF Ratio Student's *t*-test Results

	P-value
% ON in O1G1370ON Inoculum vs % ON in O1G1370 ON_survial+3	0.023357
% OFF in O1G1370ON Inoculum vs % OFF in O1G1370 ON_survial+3	0.023357
% ON in O1G1370OFF Inoculum vs % ON in O1G1370 OFF_survial+3	0.932341
% OFF in O1G1370OFF Inoculum vs % OFF in O1G1370 OFF_survial+3	0.932341

Data above represents genescan analysis results where the size of the repeat tract was determined using fluorescent primers (see Materials and Methods) and contains values determined from 3 independent samples [17].