

Qualitative Sybr Green real-time detection of single nucleotide polymorphisms responsible for target-site resistance in insect pests: the example of *Myzus persicae* and *Musca domestica*

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Table S1. Results from statistical analyses done on  $\Delta Cq_{W-M}$  values.

Species	Target	References	Position	Nucleotide	Genotype	Reference samples						Unknown samples		
						Shapiro-Wick			ANOVA			Mann-Whitney		
						F	d.f.	p	F	d.f.	p	U	N	p
<i>M. domestica</i>	<i>kdr</i> (L1014F)	SWHO; PNT_P6; PNT_P14	1	C	W/W	0.930	15	0.28	206.2	2/27	< 0.001	35	18	>0.05
		PNT_M11; PNT_M9		C/T	W/M	0.864	10	0.09				11	10	>0.05
		PNT_P25		T	M/M	0.953	5	0.76				13	12	>0.05
	<i>kdr-his</i> (L1014H)	SWHO; PNT_M11; PNT_P25	2	T	W/W	0.954	5	0.77	341.8	2/27	< 0.001	154	36	>0.05
		PNT_P6; PNT_M9		T/A	W/M	0.890	15	0.07				18	12	>0.05
		PNT_P14		A	M/M	0.961	10	0.79				19	14	>0.05
<i>s-kdr</i> (M918T)	PNT_M4	2	C	M/M	0.883	10	0.14	2004.5	2/27	< 0.001	7	8	>0.05	
	PNT_M12		T/C	W/M	0.933	10	0.48				14	12	>0.05	
	SWHO		T	W/W	0.940	10	0.55				7	8	>0.05	
<i>M. persicae</i>	MACE (S431F)	43H	2 and 3	TT	M/M	0.918	7	0.45	912.2	2/18	< 0.001	34	24	<0.05
		13H		CA/TT	W/M	0.889	7	0.27				21	14	>0.05
		1X		CA	W/W	0.829	7	0.08				139	34	>0.05
	nAChR (R81T)	99H1	2	C	M/M	0.956	10	0.74	1607.1	2/27	< 0.001	9	10	>0.05
		97H1		C/G	W/M	0.889	10	0.16				10	10	>0.05
		1X		G	W/W	0.848	10	0.06				50	22	>0.05
	<i>kdr</i> (L1014F)	92H6	1	T	M/M	0.931	9	0.49	1106.1	2/24	< 0.001	31	18	>0.05
		62H2		C/T	W/M	0.901	9	0.26				17	12	>0.05
		1X		C	W/W	0.958	9	0.78				23	14	>0.05
	<i>s-kdr</i> (M918T)	92H6	2	C	M/M	0.881	11	0.11	860.8	2/30	< 0.001	44	22	>0.05
		62H2		C/T	W/M	0.966	11	0.85				13	12	>0.05
		1X		T	W/W	0.977	11	0.95				58	26	>0.05
<i>s-kdr</i> (M918L-ctg)	1X	1	A	W/W	0.925	7	0.51	665.4	3/34	< 0.001	34	18	>0.05	
	167H6		A/C	W/M	0.837	9	0.05				41	24	>0.05	
	114H65		C	M/M	0.958	10	0.76				38	18	>0.05	
	175H2		a/C	W/M	0.953	12	0.67				16	12	>0.05	
	1X	1	A	W/W	0.927	7	0.53	1114.8	2/18	< 0.001	19	16	>0.05	
<i>s-kdr</i> (M918L-ttg)	384C		A/T	W/M	0.904	7	0.35				57	22	>0.05	
	125.06		a/T	W/M	0.911	7	0.40				16	14	>0.05	