

Figure S1

	1	60
JE2	MPKKS	VRHIKIREIISNEQIETQDELVKRLNDYDLNVTQATVSRDIKELQLIKVPIPSGQ
JE2 <i>ahrC</i> _{C124F}	MPKKS	VRHIKIREIISNEQIETQDELVKRLNDYDLNVTQATVSRDIKELQLIKVPIPSGQ
JE2 <i>ahrC</i> _{K4N}	MPK	NSVRHIKIREIISNEQIETQDELVKRLNDYDLNVTQATVSRDIKELQLIKVPIPSGQ
	61	118
JE2	YVYSLP	NDRKFHPLEKLGRYLMDSFVNIDGTDNLLVLKTLPGNAQSIGAILDQINWEE
JE2 <i>ahrC</i> _{C124F}	YVYSLP	NDRKFHPLEKLGRYLMDSFVNIDGTDNLLVLKTLPGNAQSIGAILDQINWEE
JE2 <i>ahrC</i> _{K4N}	YVYSLP	NDRKFHPLEKLGRYLMDSFVNIDGTDNLLVLKTLPGNAQSIGAILDQINWEE
	119	150
JE2	VLGTIC	GDDTCLII CRSKEASDEIKSRIFNLL
JE2 <i>ahrC</i> _{C124F}	VLGTI	FGDDTCLII CRSKEASDEIKSRIFNLL
JE2 <i>ahrC</i> _{K4N}	VLGTIC	GDDTCLII CRSKEASDEIKSRIFNLL