

Table S1. *Sinorhizobium meliloti* lytic phages whose genome has been sequenced and analyzed

Phage	Country	Site	Source	RefSeq	Reference
phiM5	USA	-	-	MF074189.1	27
phiM6	USA	-	commercial alfalfa inoculants	MH700630	76
phiM7	-	-	soil from an alfalfa field	NC_041929.1	27
phiM9	-	-	commercial alfalfa inoculants	NC_028676.1	25
phiM12	USA	-	commercial alfalfa inoculants	NC_027204.1	27
phiM19	-	-	-	KR052481.1	75
phiN3	-	-	soil from an alfalfa field	NC_028945.1	75
P_ort11	Spain	Huelva	<i>M. marina</i> -rhizosphere sand samples	NC_049469.1	21
PBC5	Germany	Strassmoos field	soil	NC_003324.1	-
HMSPI-Susan	France	Salses	agricultural soil	MG214783.2	28
<i>Rhizobium</i> phage 16-3	Hungary	-	soil	NC_011103.1	30
phiLM21	Poland	Lubin copper mine	mineral sediments	NC_029046.1	29