

Table S3. Vectors used in this study.

Vector	Description	Source
pMiniHimar_RB1	<i>mariner</i> transposon vector	Larsen et al. PMID 12189420
pRL27	<i>Tn5</i> transposon vector	Bouhenni et al. PMID 16085900
pDONR/Zeo	Gateway adapted vector for generating <i>attL</i> flanked entry clones	Invitrogen
pKMW1	library of ~10 million random barcodes flanked by common PCR priming sites and SbfI and FseI sites; derived from pDONR/Zeo	this study
pKMW2	<i>mariner</i> transposon vector with SbfI and FseI sites near inverted repeat; derived from pMiniHimar_RB1	this study
pKMW3	<i>mariner</i> transposon vector library with ~3 million unique 20mer DNA barcodes flanked by common PCR priming sites; derived from pKMW2	this study
pKMW4	<i>Tn5</i> transposon vector with SbfI and FseI sites near inverted repeat; derived from pRL27	this study
pKMW7	<i>Tn5</i> transposon vector library with >10 million unique 20mer DNA barcodes flanked by common PCR priming sites; derived from pKMW4	this study