

Table S1: Chromosome-specific primers based Foxy insertion sites in *Fo4287*

Fo4287

Chromosome	FP	Sequence forward primer	FP	Sequence reverse primer
1	2330	ATATGAAAGGGGTTCAAGGA	2378	GAGAGAATTCTGGTCGGTG
2	2334	AAAAGAATTGCTCGCGCTCT		
3	2340	GAGCAGATGGGCGTTCCCTA		
4	2344	AGTCCCTTGCGTCCAACCGA		
5	2346	ACCTCCCGAGAAGGTTATCA		
6	2350	ATTCATTGTCACATGCAGCC		
7	2353	GAGGAGATCAAGGACATTTT		
8	2357	ACCTTGGAGGAAATAAACTG		
9	2361	TGAAGTGGACTAAGGAGGAG		
10	4500	TTTTGGGTTTCGAGATGGATA		
11	2367	GGACGGAGGGTAACAGGTAC		
12	2371	GAACGCTCGCGTGATGAAGC		
13	4507	GGGCTCCCATGTTTAGGTTC		
14	2374	ATCTCATAATCTGGCGGCTC		
15	2376	ACCGCACAAGACTCAACTAT		

Fo47

Chromosome	FP	Sequence forward primer	FP	Sequence reverse primer
1	2331	GATCTAATTGAGTTATGAGCC	4483	TCCATGTCATAACCTGGTCT
2	2345	TAGATCCTCCCCTGGTGTCC	4487	AAGCGCTATAATGGGTCCTT
3	4490	TACTCAACGGATACAAAGTCAA	4489	CATGCATGGTTTGGTGGTTC
4	2336	GAATTCCTTGTAGAGGTGCT	4485	ATCGTCAGACTCTGGGGTTG
5	2355	GGAAAGTCTTCCGTGGCTTG	4492	TATCTTGGTGAGTTGACGCC
6	2358	CACTTCGAATACGTAGGCTG	4494	CTGTACCTCATTTCATAAGCTGGT
7	4510	CAAAGAGCATGCCACCTATT	4508	ATCGAGGTGCTGTGTTTAGC
8	4497	TGGCAGCTCAGATCATGTTA	4496	CTCCTTACTTCAACGGCGTC
9	2364	GTTCTGAATGTCCTGAGGAA	4499	TATCTTATCGCGGAAGCTCA
10	2371	GAACGCTCGCGTGATGAAGC	4504	TGTCTCCTTCTGCGGGTTAC
11	2366	GGGCATAATTAAGCAGTGAT	4501	TGAGAGGTTAGAGGACGTGAA
12	2373	AGGCATCGTTTAATCGTTGG	4506	CTCCCACTCGACTGGCTAAG