

Table S1. Real-time PCR and *Chi1*, *Chi4* and *HygR* gene silent fragment primer sequences

Primer Name	Sequence (5'-3')
<i>Chi1</i> -F/R	CCACCTTTTCCGACATTGCT CTTTTGCCTGGGGGTATTCC
<i>Chi2</i> -F/R	ATCGTGGTGGCGAAGAGCA TGGTGTGGCTCTGGACGAT
<i>Chi3</i> -F/R	TATTGAAGGACTTGCCGCC GCTGCTTGTTGAACTGTGT
<i>Chi4</i> -F/R	TGCAAAGACCTTGCGTGCT AAGCGACACTGTTTCGTTGGT
<i>Chi5</i> -F/R	CAACCTGCCCTTTTTCATCA GTCATTGGCCTTCCGCT
<i>Chi6</i> -F/R	GTCCGTCTCCGACACAATC GCTCTCATCTCGCCCGTTA
<i>Chi7</i> -F/R	AAAAGTCGCCAATGCTACAGC TGCAGTGTTGCTGGTCATTGT
<i>Chi8</i> -F/R	CGATTTGCGTTCCGATTC TTGGGAGCGGATTGAGAGTG
<i>Chi9</i> -F/R	TCCAGACCTCCACTAACCGA CGGCAGGCATATCAATGTG
<i>Chi10</i> -F/R	ACATCAGGCAAACCTCTACCC ACAACGGCATAACCAAGGACTA
<i>Chi11</i> -F/R	CGCCAGTCCTATCATTTG CATTGTCGTTTGCCATTCC
<i>Chi12</i> -F/R	TCACCAATCACCACACCTCT TATTCGTGTCCTTGCCTTCG
<i>Chi13</i> -F/R	TACGGATACTGGGACGAGC CTAAGCAAGGCACGAACAC
<i>Chi14</i> -F/R	ATCCGCAACATTGTCCGCTA AAACGCCACCTCCATCTGCT
<i>TUB</i> -F/R	ATGTCGTTTCGTCGTGAGG AGAGTGGCGTTGTAGGGT

Primer Name	Sequence (5'-3')
<i>Chi1</i> -F/R	CGCggatccTCGAGGTCGAGCCTCTGA
	ACGCgtcgacGATGCGTACTGCGTATTGG
<i>Chi4</i> -F/R	CGCggatccCCCGTCTTCCACATCAATAG
	ACGCgtcgacTAGGGTGGAGGTTTGCGTA
HygR	TTCAGGCTTTTTCAT
	TTTCTTTGCCCTCGG