



Supplemental Figure 1 Insert detection of three cDNA libraries by agarose gel.

1	<u>CATATGTCGGAGCAGCAGAAGCTGGAGAGACGGGAGCGCAACAGAGAGCACGCGAAGCGATCACGAATTCGCAAGAAGTT</u>	AUREO in pGBK
1	---ATGTCGGAGCAGCAGAAGCTGGAGAGACGGGAGCGCAACAGAGAGCACGCGAAGCGATCACGAATTCGCAAGAAGTT	AUREO CDS
81	<u>CATGTTGGAATGTCTACAGGAGCAGCTCCTCGCCATGCGGAAGCAGAATATGGCTCTGAGACAGGTGGTGAAAGAGCACA</u>	AUREO in pGBK
78	CATGTTGGAATGTCTACAGGAGCAGCTCCTCGCCATGCGGAAGCAGAATATGGCTCTGAGACAGGTGGTGAAAGAGCACA	AUREO CDS
161	<u>TGCCCAACGAGGCCCAACGGTGTTCGAGAAGTGTGTTTATGAGAAGGCCCTTGCCTCTCTGGCAAGGGCACGGGTTCG</u>	AUREO in pGBK
158	TGCCCAACGAGGCCCAACGGTGTTCGAGAAGTGTGTTTATGAGAAGGCCCTTGCCTCTCTGGCAAGGGCACGGGTTCG	AUREO CDS
241	<u>GCGCAAGCTATCCAATCAGACGACGAGGACGAATCAAAGGAACCGAACTGCCTGTTGCTAGAGCCAGACTTCCAGCTGAT</u>	AUREO in pGBK
238	GCGCAAGCTATCCAATCAGACGACGAGGACGAATCAAAGGAACCGAACTGCCTGTTGCTAGAGCCAGACTTCCAGCTGAT	AUREO CDS
321	<u>GCAGGCCCTCATGGAGAGCCAGCAGAATTTCAGATCTCAGACCCTAGCATGGCGGACAACCCCAICGICTACGCGAGCC</u>	AUREO in pGBK
318	GCAGGCCCTCATGGAGAGCCAGCAGAATTTCAGATCTCAGACCCTAGCATGGCGGACAACCCCAICGICTACGCGAGCC	AUREO CDS
401	<u>AGGGCTTTTGTACGTTGACGGGCTACACAATCCAGAACGTATCGGCCGAAACTGCCGTTTCTGCAGGGGCTGGAACG</u>	AUREO in pGBK
398	AGGGCTTTTGTACGTTGACGGGCTACACAATCCAGAACGTATCGGCCGAAACTGCCGTTTCTGCAGGGGCTGGAACG	AUREO CDS
481	<u>GACCCGAGGGCGATCGACATCAICCGTCGAGGGTGGCCGAGGGGCGAGACACGAGCGTCTGTCTCATGAACTACAAGGC</u>	AUREO in pGBK
478	GACCCGAGGGCGATCGACATCAICCGTCGAGGGTGGCCGAGGGGCGAGACACGAGCGTCTGTCTCATGAACTACAAGGC	AUREO CDS
561	<u>GGACGGCACCCCGTTTTTGAACCAAGTTTTTCGTTGCCGTACAGGGGCTGCGG</u> GTTCGAC	AUREO in pGBK
558	GGACGGCACCCCGTTTTTGAACCAAGTTTTTCGTTGCCGTACAGGGGCTGCGG	AUREO CDS

Supplemental Figure 2 The alignment of AUREO CDS sequence and its sequence in pGBKT7 vector.