

**Table1 Tissue specimen information**

<b>Case</b>	<b>Age</b>	<b>Gender</b>	<b>Tumor type</b>	<b>Tumor staging</b>
case 1	70	female	gastric adenocarcinoma	pT4aN1M1
case 2	64	male	gastric adenocarcinoma	pT4N3bM1
case 3	61	female	gastric adenocarcinoma	pT4N3M1

**Table 2 The primer information**

<b>Gene</b>	<b>Primer direction</b>	<b>Primer sequence</b>
NR_040535	forward	GCGCTGCACTGTTGACTTTA
	reverse	TCAAACCCATTCCCGAGCTT
NR_103847	forward	CAAGTGTGCCCAAGAAATGG
	reverse	AGCAGCAGTGACAGTATCTGG
NR_002594	forward	ATGTACCTAGGCGAGAGGGA
	reverse	GGGCTCTGTGTGGTTTCTCT
NR_034148	forward	ACAGTCCAAACACGCCATCT
	reverse	TGAACTGGCAGCATGAGCTT
NR_027133	forward	CCAGTATGCCAAGTGAACACA
	reverse	ATGCACAGTGCTGAGTTGTTT
NR_027422	forward	CTGCTCTCCTGTGGGACAAA
	reverse	GAAATCTCATCCCCATCCTGAGT
NR_027012	forward	CCCCGATATGCACAGGATGG
	reverse	AGATAACGCGGTCAAATCATCA
NR_046638	forward	ATCCACCCACTTTGGAGACC
	reverse	ACTCTCTCCTGCTATCCCTTCA
NR_120370	forward	ACATTTGATGTGAAGCGCGG
	reverse	AAAGCTGAGACCAACCCACG
NR_122038	forward	AGCTTGTTTGTATGCCTCTCCT
	reverse	ACTCTGACTGAATGGAAGGGA
NR_126348	forward	AACACCGAAAAGGAGACGCA
	reverse	ACTTCCACATGGCAATGCAC
NR_046200	forward	GTGGGCATGGACCACACTTG
	reverse	GTGGACGCCTTGACTTCCTG
NR_109879	forward	CAGCCGGAAATTTGGCTGT
	reverse	GGGGGTAAAAACGGTGTTTCG
NR_003149	forward	AGTACGGACGGAGTCAGAG
	reverse	CCCTCAGCCATAGCCTACCT
NR_033945	forward	TCCACTCCAACCCAACACAA
	reverse	AATGTTTTCTTTCTCTCCAGATGT
NR_033312	forward	GATGCCACCACTATGCTCCT
	reverse	GACTGAAGTGGTGGTTGCAC
NR_046252	forward	TGCGCCATTTAAGCCACATA
	reverse	TGTTTTTGTCAAGTAAAGGTCAGAG

**The primer information**

<b>Gene</b>	<b>Primer direction</b>	<b>Primer sequence</b>
NR_131236	forward	GACTTCATCCCTGTACCCCA
	reverse	AAGCGGTTCTACCATCTCCA
NR_038870	forward	TTCCCAAGGCAAGTGAGTC
	reverse	CCCTGTGTACTTTGGCTGGA
NR_110246	forward	AGTGAAGTACTTTGGGCAGTCA
	reverse	ACTGTATTATTGAAGCCATTCCATT
NR_034122	forward	TAATCTGCCTTCTCCGAGTCC
	reverse	GGACTGAATATGAGCGGTTGC
NR_015407	forward	ACCAGTCACCCAACCAGAGC
	reverse	AAGCGTAAGAATGAAGACCAGTG
NR_038389	forward	GCCCCAACACCTACAATATCCT
	reverse	TAGCAGCCCCAACTCAAAC
NR_026908	forward	GCTGTGGGTCTGTCACTCAT
	reverse	GCCACATGGTGCAGAATCTTT
ENST00000449126	forward	TCCCTTCCCCTTCTGCTATGACTG
	reverse	AGGTGAGATGCTCTGCCATTTGC
ENST00000588324	forward	GGTCAAGCCTGAGATGGTGTCAAC
	reverse	TGAGAGGTGGTGTCTGCTACG
ENST00000460946	forward	CCCATGTTGCTCAGCTTCTCAGAC
	reverse	TGCCACCTGGCCATTCTTAAAC
ENST00000520418	forward	AGGCTGGCCGCTTCACTATC
	reverse	GCTTTCTGTCTCTGCTGCTGTCTG
ENST00000448898	forward	GCAGCAGCCTTATCACATGACCTC
	reverse	CTGTGTTCCATCCAGTCCAGCAG
ENST00000525548	forward	TCCTCCAATAGTCGCCTCTCAGTC
	reverse	CGTCCTTCACTCGTCAACCTTTCC
ENST00000445111	forward	CAGCTGGCCAAGTCTGCATT
	reverse	TGGTCTCCAGAGGTGGTTGAA
ENST00000458111	forward	GTGGGCTCCTTGTTGCTG
	reverse	GCCCTCACTTCCTTTAGAGGCA
ENST00000435725	forward	GCTTCTGGCATCTCACCTGTCTC
	reverse	ACCACGACCTTCACGAGAGTCC
ENST00000512521	forward	CCTCCCGAGCCTCAGCCATC
	reverse	GTTCCATGTCCAGAGCCAACCTCC

**The primer information**

<b>Gene</b>	<b>Primer direction</b>	<b>Primer sequence</b>
ENST00000506914	forward	GGCGGAAGGCACAAGTGATGG
	reverse	GTTCTCAAGAGCTGGGTGGCAAG
ENST00000432265	forward	AGCAGAAACAGGCACTCCTTGATG
	reverse	GGTGGTGTGGCTCAGTGATGG
ENST00000505796	forward	AGGATCTGAGGAATGTGGCCA
	reverse	ACTGTATGGGCGAGGCAGAG
ENST00000509185	forward	GCCTGCTGCCATTTCTCTGTC
	reverse	TCCATTCTGCTCTGCTCCTCTCC
GAPDH	forward	CTGTTCGACAGTCAGCCGCATC
	reverse	GCGCCCAATACGACCAAATCCG
ACLY	forward	GACTTCGGCAGAGGTAGAGC
	reverse	TCAGGAGTGACCCGAGCATA
ACC	forward	GGGATAACGTTCCCATCTCC
	reverse	CACTTCCAAAAAGACCTAGCCC
SCD1	forward	CTTGCTGCAGGACGATATCTCTA
	reverse	CGTCTTCCAAGTAGAGGGGC
CD36	forward	CTGAGGACTGCAGTGTAGGA
	reverse	TTTCTACAAGCTCTGGTTCTTATTC