

Table S1. Primer list used by qRT-PCR analysis.

Gene-ID		Sequences (5'-3')
<i>GAPDH</i>	F	CCATCACTGCCACACAGAAAAC
	R	AGGAACACGGAAGGACATACCAG
<i>Zm00001d002897</i>	F	AATGGCGAGGTCCAGTGGTA
	R	GCAGGAAACGTCGTAGAAGC
<i>Zm00001d002901</i>	F	GGAGGATGACTTCGCCAGG
	R	GCCATGTCGGACGTGAAGAC
<i>Zm00001d005279</i>	F	CAGCTCAACTTGCTCAAGCG
	R	TTGTACCTCAGCTTTGGCGT
<i>Zm00001d006933</i>	F	TGCTTGAGCTTCAACGACCA
	R	CAGGTTGGTGTAGTAGGCGT
<i>Zm00001d007161</i>	F	GGCAAATGGCTTCTCAAGCG
	R	TTGCCAATCCAACCCAAGCA
<i>Zm00001d012017</i>	F	GCCGAATGCCTTCGACAAC
	R	ACCATGGCCTTAGCGAACTT
<i>Zm00001d017696</i>	F	TTCCGGAACATCCACCACAG
	R	GAAGAGCACGAGCATCTCCA
<i>Zm00001d017762</i>	F	TGGATCCTCCTCCTCTCTGT
	R	CTGTGCGATGACCTCGAACCC
<i>Zm00001d024750</i>	F	CACACTGCTCGACAATCCCT
	R	GCGAAGCACTTCTCCCTGAT
<i>Zm00001d024751</i>	F	CCTACGCTGAGCACCTCAAG
	R	GAGCAGTGTGTTGTGCGAGA
<i>Zm00001d024752</i>	F	TCCGGAACCTACCTCTCGGTC
	R	GGTTGCACTTGACGATGGTG
<i>Zm00001d028793</i>	F	GGCCAGACTACGAAGTGGAG
	R	CCCTGACAGTGCGATCATGT
<i>Zm00001d034128</i>	F	GACGATCGGAGGAGCATCAG
	R	CCCGTTTCAGCTCTTTGCAC
<i>Zm00001d036392</i>	F	TTCGCCTCCAAGAACCTCAC
	R	GCTGAAGTTGTAGAGCCGGT
<i>Zm00001d037547</i>	F	TGGCAACTTCCATGGGTTGT
	R	CTGCACAATCTCCTTCGCCT
<i>Zm00001d040364</i>	F	CCATCACTGCCACACAGAAAAC
	R	AGGAACACGGAAGGACATACCAG

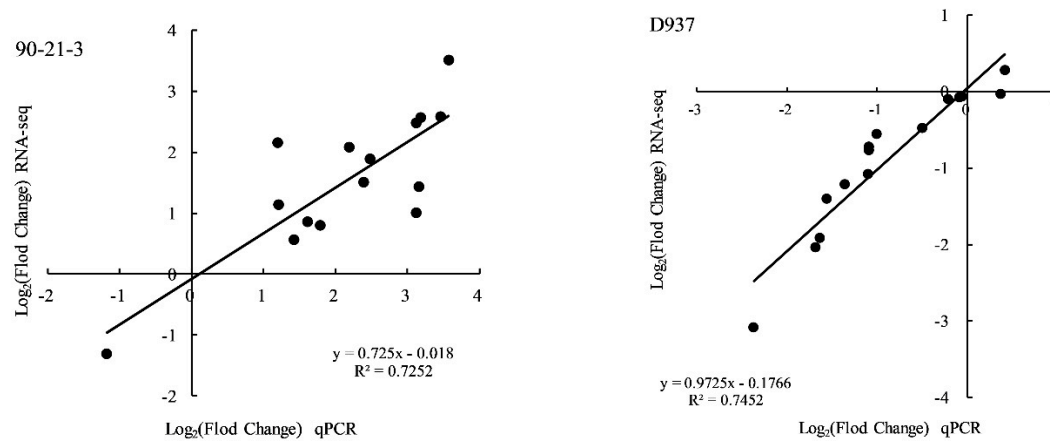


Figure S1. Correlations between qRT-PCR data and RNA-Seq profile for the 16 unigenes. Each point represents a fold change value of gene expression level in different group of 90-21-3 and D937.