

Supplemental Table 1. Primers for RT-qPCR.

Protein ID ^a	Predicted activity	left primer 5'→3'	right primer 5'→3'
248451	acetyl xylan esterase	GGGCCAGCTCATTCTCACT	GGTCGTCCACTGCTTGATCT
249164	actin	TCAATGCACCAGCGTTCTAC	CGAGGTCGATACGGAGGATA
264060	cellobiohydrolase	GAATCGACGCCGTCAACTCG	CGAGGACCATACCGGTGTTG
257626	chitin synthase	TTATCAAGCCGGAAATCGTC	GAGGTTGTGGATGGTCGAGT
261268	GAPDH	TCCAAGTACACCGTCATCTCC	GGAAAGCAAGACCAGTCAGC
247750	glucuronoyl esterase	CTTCCGTACGACCACCACTC	GAAGAGGGTTGGGTTGAGGT
263501	lignin peroxidase	ACATCGGTCTCGACGAAGTC	TCTGGTCGACAGTGTGGAAC
213241	lignin peroxidase	ATGTCGGCCTTGATGAGATT	GGACAAGACCATCAGGAGCA
262882	manganese peroxidase	GAACAAGACCATTGCTGCCA	GAAGGGAGCGGCATCAATG
256991	manganese peroxidase	GAACCACACTATTCCCGCCG	GCGAGCAGGGCGATGACT
248589	mannanase	CATTAGCTCGGGACTCACG	GGATGATAGGGTACACCGGA
262694	xylanase	CCGACGGAACATTCCTGTG	CGCGATCTGGGGGTAGGAC

^aProtein IDs from the JGI genome portal (<http://www.jgi.doe.gov/Pcarnosa>).