Additional file 4 Comparison in expression of six soybean genes in Williams and 10 NILs, each containing a single Rps gene, as determined by RNA-Seq analysis or qRT-PCR. Y axis indicates differential expression of selected genes for each soybean line. X axis indicates selected genes used for qRT-PCR. These genes are Glyma02g47940 (1), Glyma04g20330 (2), Glyma05g24770 (3), Glyma07g07270 (4), Glyma09g37290 (5), Glyma10g44170 (6), and Glyma11g04130 (7). Pearson’s correlation coefficient (r).