

Table S1A RNA-seq: mapping results

Libraries	Sequenced reads	rRNA-free reads	UniGenes mapped reads	<i>T. aestivum</i>-microRNA mapped reads	<i>A. brasilense</i> mapped reads	Assembled-EST mapped reads
CWR	134,846,641	75,789,954	9,441,999	7,292	106,285	8,528,773
N-IWR	171,187,552	103,071,790	14,279,346	11,253	6,214	11,124,992
Total	306,034,193	178,861,744	23,721,345	18,545	112,499	19,653,765

Table S1B RNA-seq: expressed and differentially expressed genes

Libraries	UniGene-EST	<i>T. aestivum</i> microRNA	Assembled-EST	Total of <i>T. aestivum</i> EST	<i>A. brasilense</i>
Expressed	16,645	15	6,570	23,215	228 ^a / 702 ^b
Down-regulated	304	0	159	463	ND ^c
Up-regulated	186	1	127	313	ND ^c

^a 3X or higher coverage; ^b 1X or higher coverage; ^c Not determined.