

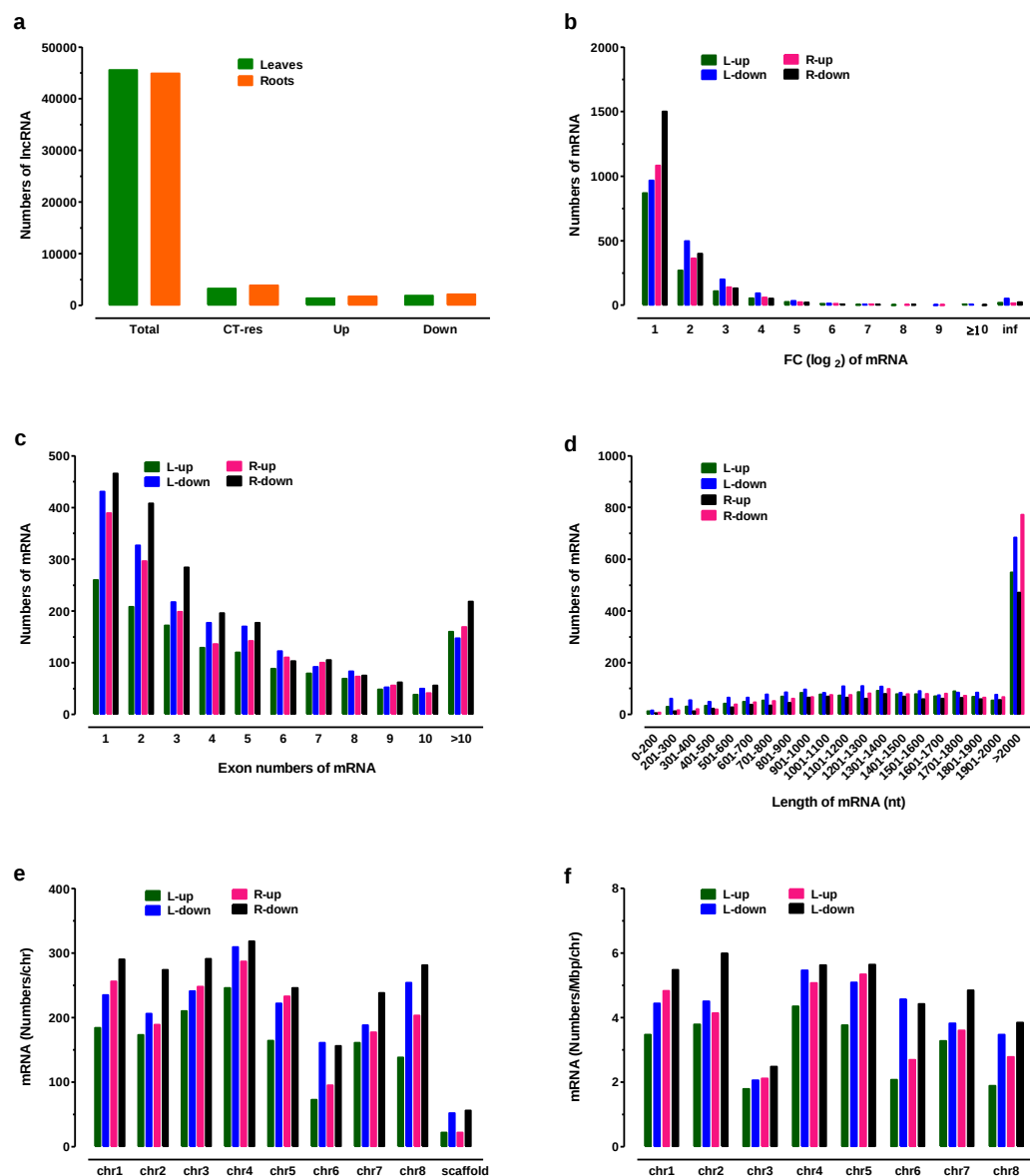


Figure S4. Characteristics of cold-responsive mRNAs in *M. truncatula* seedlings. **(a)** Numbers of cold-responsive mRNAs in leaves and roots of *M. truncatula* seedlings. **(b)** Numbers of mRNAs with different FC(log₂) which were regulated by cold treatment in leaves and roots of *M. truncatula* seedlings. Data on X axis indicated varying (FC(log₂)) values ranging from ≥ 1 to ≥ 10 . **(c)** Numbers of mRNAs containing different exon numbers in response to cold treatment in leaves and roots of *M. truncatula* seedlings. **(d)** Numbers of mRNAs with different length responded to cold treatment in leaves and roots of *M. truncatula* seedlings. **(e)** Numbers of mRNAs distributed on chromosomes in response to cold treatment in leaves and roots of *M.*

truncatula seedlings. (f) Densities of mRNAs on eight chromosomes responded to cold treatment in leaves and roots of *M. truncatula* seedlings. CT-res: cold responsive-mRNAs; up- or down-regulated: expression of mRNAs induced or reduced by cold treatment; L: leaves; R: roots.