

Table S1. A list of primers used to perform qRT-PCR analysis.

Gene ID	Forward Primer	Reverse Primer
XLOC_032277	GTATGTCGGATAAGGATGTGATG	CCCAACAGTCCATCATTTTTAGC
XLOC_036022	CATGTCAGCGAACCTTCGC	CACGAACTCATGTTGAAGTGAG
XLOC_037391	TGGGCGGGATTCTTCGC	CCGCCTCCAACCTTACGATCTC
XLOC_001537	TTGTGAGCAGAATTGGAGTT	CCGTGGAGTTGAGTTGTG
XLOC_021566	GCATTGAGAGGCTACCACTATGT	CTTGACTTGAGCTGATGTAAAGGAG
XLOC_032117	GTTTTGGAATTAGTGGTCTCGTTT	GAAGTTAGGATGGCTGGTTCA
XLOC_033129	ACCAACTATACTAAGTATTCCTTTAGCC	ACTGAAGTCTATAGCTCAATCACACAC
XLOC_017555	ATAAGATTGCTCATGCCGTGG	CTTTTCTACAATGACCACCCAAC
XLOC_016614	ATCGAATTAAGCCATCAGCTCAGA	CTTGAGATGGTAGGAAAAGGTTTTGG
XLOC_034293	TCGTTGGCACTGTGAGTGAG	GATTGAGGATCAAAGGAACAGGGC
XLOC_000074	CTTCTGGTTTTCTTGCTTGGATG	GGCCAAAATTCAAGCCATGTA
XLOC_024551	ATTTTCTGCCGTCTCTAGCCC	GTAGCGGAGTTACTGGAATGGG
XLOC_004416	GGAAGAAGAGTTGATCAAAGAAGAGG	GGATCTGATGCACTCAGCTAAC
Ubiquitin	GTCCACACTCCACCTTGTGC	GAGGAATGCCCTCCTTGTCTCT

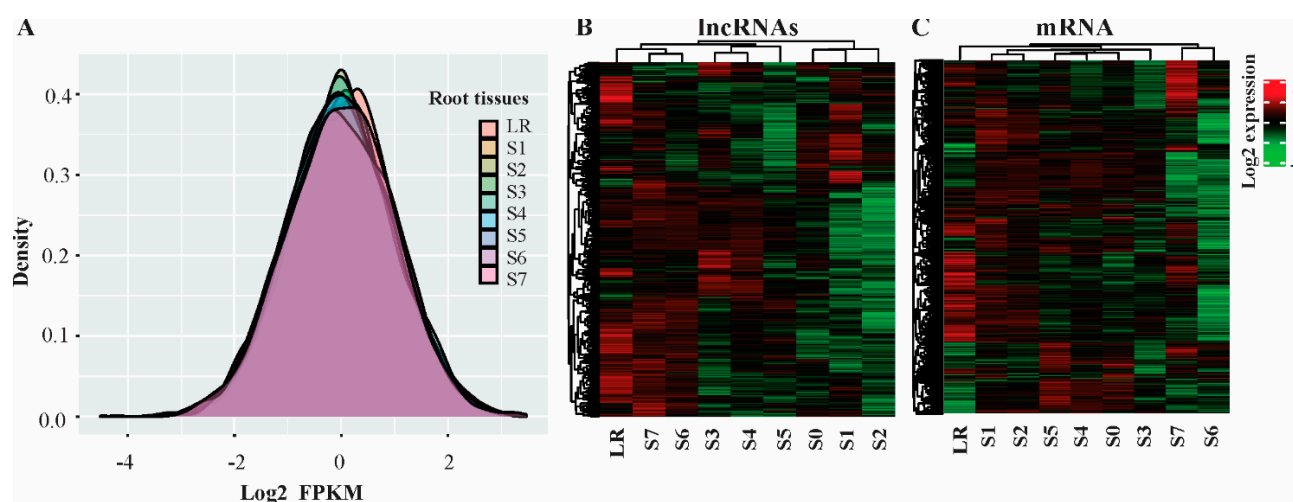


Figure S1. Expression of white lupin lncRNAs and mRNA in different developmental stages of roots (S0-S7 and LR) under P deficiency. **A)** Density plot of average expression of lncRNAs, **B)** Expression of lncRNAs, **C)** Expression of mRNA. S0-S7 indicates different developmental stages of cluster root and LR indicates lateral root which is used as control.