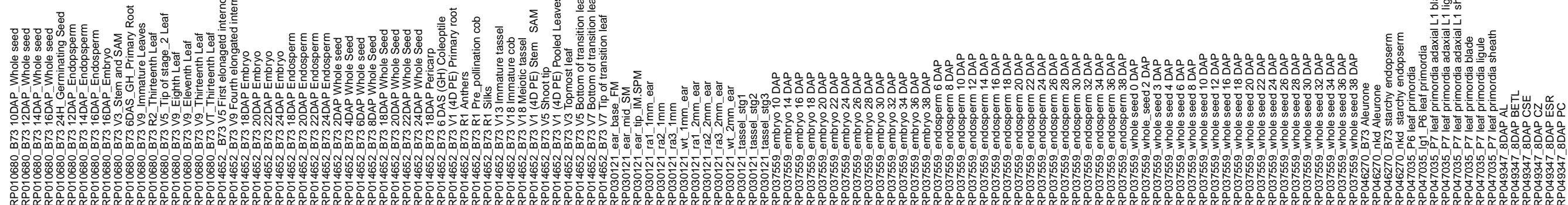


Legend : Log₂ Expression Value

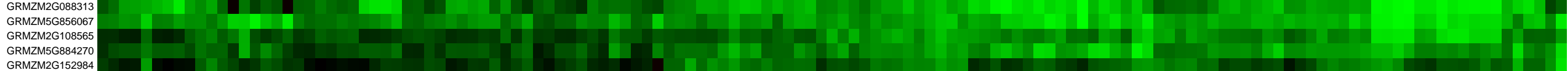


0 2.5 5 7.5 10



SRP010680_B73_10DAP_Whole seed
SRP010680_B73_12DAP_Whole seed
SRP010680_B73_14DAP_Whole seed
SRP010680_B73_16DAP_Whole seed
SRP010680_B73_24H_Germinating Seed
SRP010680_B73_24DAP_Endosperm
SRP010680_B73_12DAP_Endosperm
SRP010680_B73_16DAP_Endosperm
SRP010680_B73_16DAP_Embryo
SRP010680_B73_V3_Stem and SAM
SRP010680_B73_V3_GH_Primary Root
SRP010680_B73_V9_Immature Leaves
SRP010680_B73_VT_Thirteenth Leaf
SRP010680_B73_VT_Thirteenth Leaf
SRP010680_B73_V5_Tip of stage_2_Leaf
SRP010680_B73_V9_Eighth_Leaf
SRP010680_B73_V9_Eleventh_Leaf
SRP010680_B73_V9_Thirteenth Leaf
SRP010680_B73_VT_Thirteenth Leaf
SRP014652_B73_V5_First_elongated internode
SRP014652_B73_V9_Fourth_elongated internode
SRP014652_B73_18DAP_Embryo
SRP014652_B73_20DAP_Embryo
SRP014652_B73_22DAP_Embryo
SRP014652_B73_24DAP_Embryo
SRP014652_B73_18DAP_Endosperm
SRP014652_B73_20DAP_Endosperm
SRP014652_B73_22DAP_Endosperm
SRP014652_B73_24DAP_Endosperm
SRP014652_B73_2DAP_Whole seed
SRP014652_B73_4DAP_Whole seed
SRP014652_B73_6DAP_Whole seed
SRP014652_B73_8DAP_Whole seed
SRP014652_B73_18DAP_Whole seed
SRP014652_B73_20DAP_Whole seed
SRP014652_B73_22DAP_Whole seed
SRP014652_B73_24DAP_Whole seed
SRP014652_B73_6DAS_(GH)_Coleoptile
SRP014652_B73_V1_(4D PE)_Primary root
SRP014652_B73_R1_Anthers
SRP014652_B73_R1_Pre_pollination cob
SRP014652_B73_R1_Silks
SRP014652_B73_V13_Immature tassel
SRP014652_B73_V18_Immature cob
SRP014652_B73_V18_Meiotic tassel
SRP014652_B73_V1_(4D PE)_Stem_SAM
SRP014652_B73_V5_Shoot tip
SRP014652_B73_V1_(4D PE)_Pooled Leaves
SRP014652_B73_V3_Topmost leaf
SRP014652_B73_V5_Bottom of transition leaf
SRP014652_B73_V7_Bottom of transition leaf
SRP030121_ear_base_FM
SRP030121_ear_mid_SM
SRP030121_ear_tip_IM_SPM
SRP030121_ra1_1mm_ear
SRP030121_ra2_1mm
SRP030121_ra3_1mm
SRP030121_wt_1mm_ear
SRP030121_ra1_2mm_ear
SRP030121_ra2_2mm_ear
SRP030121_ra3_2mm_ear
SRP030121_wt_2mm_ear
SRP030121_tassel_stg1
SRP030121_tassel_stg2
SRP030121_tassel_stg3
SRP037559_embryo_10_DAP
SRP037559_embryo_14_DAP
SRP037559_embryo_16_DAP
SRP037559_embryo_18_DAP
SRP037559_embryo_20_DAP
SRP037559_embryo_22_DAP
SRP037559_embryo_24_DAP
SRP037559_embryo_26_DAP
SRP037559_embryo_28_DAP
SRP037559_embryo_30_DAP
SRP037559_embryo_32_DAP
SRP037559_embryo_34_DAP
SRP037559_embryo_36_DAP
SRP037559_embryo_38_DAP
SRP037559_endosperm_6_DAP
SRP037559_endosperm_8_DAP
SRP037559_endosperm_10_DAP
SRP037559_endosperm_12_DAP
SRP037559_endosperm_14_DAP
SRP037559_endosperm_16_DAP
SRP037559_endosperm_18_DAP
SRP037559_endosperm_20_DAP
SRP037559_endosperm_22_DAP
SRP037559_endosperm_24_DAP
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SRP037559_endosperm_28_DAP
SRP037559_endosperm_30_DAP
SRP037559_endosperm_32_DAP
SRP037559_endosperm_34_DAP
SRP037559_endosperm_36_DAP
SRP037559_endosperm_38_DAP
SRP037559_wholet seed_0_DAP
SRP037559_wholet seed_3_DAP
SRP037559_wholet seed_4_DAP
SRP037559_wholet seed_6_DAP
SRP037559_wholet seed_8_DAP
SRP037559_wholet seed_10_DAP
SRP037559_wholet seed_12_DAP
SRP037559_wholet seed_16_DAP
SRP037559_wholet seed_18_DAP
SRP037559_wholet seed_20_DAP
SRP037559_wholet seed_22_DAP
SRP037559_wholet seed_24_DAP
SRP037559_wholet seed_26_DAP
SRP037559_wholet seed_28_DAP
SRP037559_wholet seed_30_DAP
SRP037559_wholet seed_32_DAP
SRP037559_wholet seed_34_DAP
SRP037559_wholet seed_36_DAP
SRP037559_wholet seed_38_DAP
SRP046270_nkd_Aleurone
SRP046270_B73_starchy endosperm
SRP046270_nkd_starchy endosperm
SRP047035_lg1_P6_leaf_primordia
SRP047035_P7_leaf_primordia
SRP047035_P7_leaf_primordia adaxial L1 blade
SRP047035_P7_leaf_primordia adaxial L1 ligule
SRP047035_P7_leaf_primordia ligule
SRP049347_8DAP_AL
SRP049347_8DAP_BETL
SRP049347_8DAP_CSE
SRP049347_8DAP_CZ
SRP049347_8DAP_ESR
SRP049347_8DAP_PC

Module915



GRMZM2G088313 AT1G28120
GRMZM5G856067 AT1G54217
GRMZM2G108565 AT3G16010
GRMZM5G884270
GRMZM2G152984 PA11



SRP010680_B73_10DAP_Whole seed
SRP010680_B73_12DAP_Whole seed
SRP010680_B73_14DAP_Whole seed
SRP010680_B73_16DAP_Whole seed
SRP010680_B73_24H_Germinating Seed
SRP010680_B73_24DAP_Endosperm
SRP010680_B73_12DAP_Endosperm
SRP010680_B73_16DAP_Endosperm
SRP010680_B73_V3_Stem and SAM
SRP010680_B73_V3_GH_Primary Root
SRP010680_B73_V9_Immature Leaves
SRP010680_B73_VT_Thirteenth Leaf
SRP010680_B73_VT_Thirteenth Leaf
SRP010680_B73_V5_Tip of stage_2_Leaf
SRP010680_B73_V9_Eighth_Leaf
SRP010680_B73_V9_Eleventh_Leaf
SRP010680_B73_V9_Thirteenth Leaf
SRP010680_B73_VT_Thirteenth Leaf
SRP014652_B73_V5_First_elongated internode
SRP014652_B73_V9_Fourth_elongated internode
SRP014652_B73_18DAP_Embryo
SRP014652_B73_20DAP_Embryo
SRP014652_B73_22DAP_Embryo
SRP014652_B73_24DAP_Embryo
SRP014652_B73_18DAP_Endosperm
SRP014652_B73_20DAP_Endosperm
SRP014652_B73_22DAP_Endosperm
SRP014652_B73_24DAP_Endosperm
SRP014652_B73_2DAP_Whole seed
SRP014652_B73_4DAP_Whole seed
SRP014652_B73_6DAP_Whole seed
SRP014652_B73_8DAP_Whole seed
SRP014652_B73_18DAP_Whole seed
SRP014652_B73_20DAP_Whole seed
SRP014652_B73_22DAP_Whole seed
SRP014652_B73_24DAP_Whole seed
SRP014652_B73_6DAS_(GH)_Coleoptile
SRP014652_B73_V1_(4D PE)_Primary root
SRP014652_B73_R1_Anthers
SRP014652_B73_R1_Pre_pollination cob
SRP014652_B73_R1_Silks
SRP014652_B73_V13_Immature tassel
SRP014652_B73_V18_Immature cob
SRP014652_B73_V18_Meiotic tassel
SRP014652_B73_V1_(4D PE)_Stem_SAM
SRP014652_B73_V5_Shoot tip
SRP014652_B73_V1_(4D PE)_Pooled Leaves
SRP014652_B73_V3_Topmost leaf
SRP014652_B73_V5_Bottom of transition leaf
SRP014652_B73_V7_Bottom of transition leaf
SRP030121_ear_base_FM
SRP030121_ear_mid_SM
SRP030121_ear_tip_IM_SPM
SRP030121_ra1_1mm_ear
SRP030121_ra2_1mm
SRP030121_ra3_1mm
SRP030121_wt_1mm_ear
SRP030121_ra1_2mm_ear
SRP030121_ra2_2mm_ear
SRP030121_ra3_2mm_ear
SRP030121_wt_2mm_ear
SRP030121_tassel_stg1
SRP030121_tassel_stg2
SRP030121_tassel_stg3
SRP037559_embryo_10_DAP
SRP037559_embryo_14_DAP
SRP037559_embryo_16_DAP
SRP037559_embryo_18_DAP
SRP037559_embryo_20_DAP
SRP037559_embryo_22_DAP
SRP037559_embryo_24_DAP
SRP037559_embryo_26_DAP
SRP037559_embryo_28_DAP
SRP037559_embryo_30_DAP
SRP037559_embryo_32_DAP
SRP037559_embryo_34_DAP
SRP037559_embryo_36_DAP
SRP037559_embryo_38_DAP
SRP037559_endosperm_6_DAP
SRP037559_endosperm_8_DAP
SRP037559_endosperm_10_DAP
SRP037559_endosperm_12_DAP
SRP037559_endosperm_14_DAP
SRP037559_endosperm_16_DAP
SRP037559_endosperm_18_DAP
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SRP037559_endosperm_32_DAP
SRP037559_endosperm_34_DAP
SRP037559_endosperm_36_DAP
SRP037559_endosperm_38_DAP
SRP037559_wholet seed_0_DAP
SRP037559_wholet seed_3_DAP
SRP037559_wholet seed_4_DAP
SRP037559_wholet seed_6_DAP
SRP037559_wholet seed_8_DAP
SRP037559_wholet seed_10_DAP
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SRP037559_wholet seed_32_DAP
SRP037559_wholet seed_34_DAP
SRP037559_wholet seed_36_DAP
SRP037559_wholet seed_38_DAP
SRP046270_B73_10DAP_Whole seed
SRP046270_B73_12DAP_Whole seed
SRP046270_B73_14DAP_Whole seed
SRP046270_B73_16DAP_Whole seed
SRP046270_B73_24H_Germinating Seed
SRP046270_B73_24DAP_Endosperm
SRP046270_B73_12DAP_Endosperm
SRP046270_B73_16DAP_Endosperm
SRP046270_B73_V3_Stem and SAM
SRP046270_B73_V3_GH_Primary Root
SRP046270_B73_V9_Immature Leaves
SRP046270_B73_VT_Thirteenth Leaf
SRP046270_B73_VT_Thirteenth Leaf
SRP046270_B73_V5_Tip of stage_2_Leaf
SRP046270_B73_V9_Eighth_Leaf
SRP046270_B73_V9_Eleventh_Leaf
SRP046270_B73_V9_Thirteenth Leaf
SRP046270_B73_VT_Thirteenth Leaf
SRP046270_B73_V5_First_elongated internode
SRP046270_B73_V9_Fourth_elongated internode
SRP046270_B73_18DAP_Embryo
SRP046270_B73_20DAP_Embryo
SRP046270_B73_22DAP_Embryo
SRP046270_B73_24DAP_Embryo
SRP046270_B73_18DAP_Endosperm
SRP046270_B73_20DAP_Endosperm
SRP046270_B73_22DAP_Endosperm
SRP046270_B73_24DAP_Endosperm
SRP046270_B73_2DAP_Whole seed
SRP046270_B73_4DAP_Whole seed
SRP046270_B73_6DAP_Whole seed
SRP046270_B73_8DAP_Whole seed
SRP046270_B73_18DAP_Whole seed
SRP046270_B73_20DAP_Whole seed
SRP046270_B73_22DAP_Whole seed
SRP046270_B73_24DAP_Whole seed
SRP046270_B73_6DAS_(GH)_Coleoptile
SRP046270_B73_V1_(4D PE)_Primary root
SRP046270_B73_R1_Anthers
SRP046270_B73_R1_Pre_pollination cob
SRP046270_B73_R1_Silks
SRP046270_B73_V13_Immature tassel
SRP046270_B73_V18_Immature cob
SRP046270_B73_V18_Meiotic tassel
SRP046270_B73_V1_(4D PE)_Stem_SAM
SRP046270_B73_V5_Shoot tip
SRP046270_B73_V1_(4D PE)_Pooled Leaves
SRP046270_B73_V3_Topmost leaf
SRP046270_B73_V5_Bottom of transition leaf
SRP046270_B73_V7_Bottom of transition leaf
SRP046270_ear_base_FM
SRP046270_ear_mid_SM
SRP046270_ear_tip_IM_SPM
SRP046270_ra1_1mm_ear
SRP046270_ra2_1mm
SRP046270_ra3_1mm
SRP046270_wt_1mm_ear
SRP046270_ra1_2mm_ear
SRP046270_ra2_2mm_ear
SRP046270_ra3_2mm_ear
SRP046270_wt_2mm_ear
SRP046270_tassel_stg1
SRP046270_tassel_stg2
SRP046270_tassel_stg3
SRP047035_embryo_10_DAP
SRP047035_embryo_14_DAP
SRP047035_embryo_16_DAP
SRP047035_embryo_18_DAP
SRP047035_embryo_20_DAP
SRP047035_embryo_22_DAP
SRP047035_embryo_24_DAP
SRP047035_embryo_26_DAP
SRP047035_embryo_28_DAP
SRP047035_embryo_30_DAP
SRP047035_embryo_32_DAP
SRP047035_embryo_34_DAP
SRP047035_embryo_36_DAP
SRP047035_embryo_38_DAP
SRP047035_endosperm_6_DAP
SRP047035_endosperm_8_DAP
SRP047035_endosperm_10_DAP
SRP047035_endosperm_12_DAP
SRP047035_endosperm_14_DAP
SRP047035_endosperm_16_DAP
SRP047035_endosperm_18_DAP
SRP047035_endosperm_20_DAP
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SRP047035_endosperm_26_DAP
SRP047035_endosperm_28_DAP
SRP047035_endosperm_30_DAP
SRP047035_endosperm_32_DAP
SRP047035_endosperm_34_DAP
SRP047035_endosperm_36_DAP
SRP047035_endosperm_38_DAP
SRP047035_wholet seed_0_DAP
SRP047035_wholet seed_3_DAP
SRP047035_wholet seed_4_DAP
SRP047035_wholet seed_6_DAP
SRP047035_wholet seed_8_DAP
SRP047035_wholet seed_10_DAP
SRP047035_wholet seed_12_DAP
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SRP047035_wholet seed_30_DAP
SRP047035_wholet seed_32_DAP
SRP047035_wholet seed_34_DAP
SRP047035_wholet seed_36_DAP
SRP047035_wholet seed_38_DAP
SRP047035_nkd_Aleurone
SRP047035_nkd_starchy endosperm
SRP047035_P6_leaf_primordia
SRP047035_P7_leaf_primordia
SRP047035_P7_leaf_primordia adaxial L1 blade
SRP047035_P7_leaf_primordia adaxial L1 ligule
SRP047035_P7_leaf_primordia ligule
SRP049347_8DAP_AL
SRP049347_8DAP_BETL
SRP049347_8DAP_CSE
SRP049347_8DAP_CZ
SRP049347_8DAP_ESR
SRP049347_8DAP_PC

Module915

GRMZM2G088313 AT1G28120
GRMZM5G856067 AT1G54217
GRMZM2G108565 AT3G16010
GRMZM5G884270
GRMZM2G152984 PA11