**References used for Supp. Fig. 5 of Wang et al.**

**Sample ID Tissue, Data Accession Number, Reference**

2cell 2-cell embryo, GSE33713, [(Nodine and Bartel 2012)](https://paperpile.com/c/GvpTaR/hloH)

8cell 8-cell embryo, GSE33713, [(Nodine and Bartel 2012)](https://paperpile.com/c/GvpTaR/hloH)

pg preglobular embryo, GSE121236, [(Hofmann, Schon, and Nodine 2019)](https://paperpile.com/c/GvpTaR/nvaT)

32cell 32-cell embryo, GSE33713, [(Nodine and Bartel 2012)](https://paperpile.com/c/GvpTaR/hloH)

gl globular embryo, GSE121236, [(Hofmann, Schon, and Nodine 2019)](https://paperpile.com/c/GvpTaR/nvaT)

eh early heart embryo, GSE121236, [(Hofmann, Schon, and Nodine 2019)](https://paperpile.com/c/GvpTaR/nvaT)

lh late heart embryo, GSE121236, [(Hofmann, Schon, and Nodine 2019)](https://paperpile.com/c/GvpTaR/nvaT)

et early torpedo embryo, GSE121236, [(Hofmann, Schon, and Nodine 2019)](https://paperpile.com/c/GvpTaR/nvaT)

lt late torpedo embryo, GSE121236, [(Hofmann, Schon, and Nodine 2019)](https://paperpile.com/c/GvpTaR/nvaT)

emb\_7dap embryo 7 days after pollination, GSE74692, [(Schneider, Aghamirzaie, and Elmarakeby 2016)](https://paperpile.com/c/GvpTaR/T9yB)

emb\_8dap embryo 8 days after pollination, GSE74692, [(Schneider, Aghamirzaie, and Elmarakeby 2016)](https://paperpile.com/c/GvpTaR/T9yB)

bc bent cotyledon embryo, GSE121236, [(Hofmann, Schon, and Nodine 2019)](https://paperpile.com/c/GvpTaR/nvaT)

emb\_10dap embryo 10 days after pollination, GSE74692, [(Schneider, Aghamirzaie, and Elmarakeby 2016)](https://paperpile.com/c/GvpTaR/T9yB)

mg mature green embryo, GSE121236, [(Hofmann, Schon, and Nodine 2019)](https://paperpile.com/c/GvpTaR/nvaT)

emb\_12dap embryo 12 days after pollination, GSE74692, [(Schneider, Aghamirzaie, and Elmarakeby 2016)](https://paperpile.com/c/GvpTaR/T9yB)

emb\_13dap embryo 13 days after pollination, GSE74692, [(Schneider, Aghamirzaie, and Elmarakeby 2016)](https://paperpile.com/c/GvpTaR/T9yB)

emb\_15dap embryo 15 days after pollination, GSE74692, [(Schneider, Aghamirzaie, and Elmarakeby 2016)](https://paperpile.com/c/GvpTaR/T9yB)

emb\_17dap embryo 17 days after pollination, GSE74692, [(Schneider, Aghamirzaie, and Elmarakeby 2016)](https://paperpile.com/c/GvpTaR/T9yB)

SE\_5D somatic embryo 5 days after induction, E-MTAB-2403, [(Wickramasuriya and Dunwell 2015)](https://paperpile.com/c/GvpTaR/PHu7)

SE\_10D somatic embryo 10 days after induction, E-MTAB-2403, [(Wickramasuriya and Dunwell 2015)](https://paperpile.com/c/GvpTaR/PHu7)

SE\_15D somatic embryo 15 days after induction, E-MTAB-2403, [(Wickramasuriya and Dunwell 2015)](https://paperpile.com/c/GvpTaR/PHu7)

callus\_neg callus negative control, PRJNA422138, [(Magnani et al. 2017)](https://paperpile.com/c/GvpTaR/9Imw)

callus\_lec1 callus induced by LEC1 expression, PRJNA422138, [(Magnani et al. 2017)](https://paperpile.com/c/GvpTaR/9Imw)

seed\_dai0 seed 0 days after imbibition, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

seed\_dai1 seed 1 day after imbibition, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

seed\_dai2 seed 2 days after imbibition, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

seed\_dai3 seed 3 days after imbibition, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

cot\_1dag cotyledon 1 day after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

hycot\_1dag hypocotyl 1 day after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

root\_1dag root 1 day after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

root\_7dag root 7 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

root.apex\_7dag root apex 7 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

sam\_1dag shoot apical meristem 1 day after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

sam\_7dag shoot apical meristem 7 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

sam\_8dag shoot apical meristem 8 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

sam\_9dag shoot apical meristem 9 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

sam\_10dag shoot apical meristem 10 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

sam\_11dag shoot apical meristem 11 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

sam\_12dag shoot apical meristem 12 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

sam\_13dag shoot apical meristem 13 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

sam\_14dag shoot apical meristem 14 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

sam\_15dag shoot apical meristem 15 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

sam\_16dag shoot apical meristem 16 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

petiole\_7dag petiole 7 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

petiole\_9dag petiole 9 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

petiole\_12dag petiole 12 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

petiole\_mat petiole from mature leaf, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

petiole\_sen petiole from senescing leaf, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

blade\_mat blade from mature leaf, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

leafvein\_12dag leaf vein 12 days after germination, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

leafvein\_mat leaf vein mature leaf, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

leafvein\_sen leaf vein senescing leaf, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

internode\_mat internode mature leaf, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

internode\_sen internode senescing leaf, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

pedicel\_mat pedicel mature leaf, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

floraxis\_mat floral axis mature plant, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

inflor\_mat inflorescent axis mature plant, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

fb\_SL floral buds (Lutzmayer), GSE98553, [(Lutzmayer, Enugutti, and Nodine 2017)](https://paperpile.com/c/GvpTaR/Grfn)

fb\_MK floral buds (Kellner), GSE112869, [(Schon et al. 2018)](https://paperpile.com/c/GvpTaR/evFp)

flower\_st8 stage 8 flower, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

flower\_st9 stage 9 flower, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

flower\_st10 stage 10 flower, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

flower\_st11 stage 11 flower, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

flower\_st12.1 stage 12 flower, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

flower\_st12.2 stage 12 flower, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

flower\_st13 stage 13 flower, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

flower\_st14 stage 14 flower, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

flower\_st15 stage 15 flower, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

sepal\_st13 stage 13 sepal, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

petal\_st13 stage 13 petal, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

filament\_st13 stage 13 filament, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

anther\_st9 stage 9 anther, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

anther\_st13 stage 13 anther, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

anther\_st15 stage 15 petal, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

stigma\_st11 stage 11 stigma, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

pistil\_st9 stage 9 pistil, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

pistil\_st13 stage 13 pistil, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

silique1 whole silique 1 DAP, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

silique2 whole silique 2 DAP, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

silique3 whole silique 3 DAP, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

silique4 whole silique 4 DAP, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

silique\_sen silique senescing, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

carpel carpel, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

silpod1 silique pod 1 DAP, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

silpod2 silique pod 2 DAP, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

silpod3 silique pod 3 DAP, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

silpod4 silique pod 4 DAP, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

silpod\_sen silique pod senescing, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

ovule ovule, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

seed1 ovule (st. 15), PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

seed2 ovule (st 15), PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

seed3 ovule (0 DAP), PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

seed4 ovule (0 DAP), PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

seed5 ovule (1 DAP), PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

seed6 ovule (1 DAP), PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

seed7 ovule (2 DAP), PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

seed8 ovule (3 DAP), PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

seed9 ovule (4 DAP), PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

seed\_sen dry seed, PRJNA314076, [(Klepikova et al. 2015)](https://paperpile.com/c/GvpTaR/X0PN)

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