

**Table S4: Sum of the expression values for experiments of [31], [32] and [33]**

**A)** Sum of the expression values for RT\_LCM experiments [31] compared to the ones of RT\_NFP\_nsMyc\_LCOs\_6h, RT\_NFP\_sMyc\_LCOs\_6h, RT\_NFP\_s\_nsMyc\_LCOs\_6h, RT\_AM\_CK and RT\_AM\_Inf. All experiments are characterized by three replicates except the RT\_LCM series

RT_NFP_nsMyc_LCOs_6h	RT_NFP_sMyc_LCOs_6h	RT_NFP_s_nsMyc_LCOs_6h	RT_LCM_arbuscular	RT_LCM_cortical	RT_LCM_adjacent	RT_AM_CK	RT_AM_Inf
1.99 x 10 <sup>7</sup>	1.98 x 10 <sup>7</sup>	2 x 10 <sup>7</sup>	1.35 x 10 <sup>7</sup>	9.68 x 10 <sup>6</sup>	1.29 x 10 <sup>7</sup>	1.95 x 10 <sup>7</sup>	1.95 x 10 <sup>7</sup>
1.98 x 10 <sup>7</sup>	2 x 10 <sup>7</sup>	1.98 x 10 <sup>7</sup>	1.24 x 10 <sup>7</sup>	1.35 x 10 <sup>7</sup>	1.74 x 10 <sup>7</sup>	1.92 x 10 <sup>7</sup>	1.95 x 10 <sup>7</sup>
1.99 x 10 <sup>7</sup>	2 x 10 <sup>7</sup>	1.95 x 10 <sup>7</sup>	/	/	/	1.95 x 10 <sup>7</sup>	1.95 x 10 <sup>7</sup>

**B)** Sum of the expression values for experiments of [32]. Each experiment has three replicates

APP_P	NAP_C	ARB_A	CMR_K	EPI_E
1.52 x 10 <sup>5</sup>	1.46 x 10 <sup>5</sup>	1.18 x 10 <sup>5</sup>	1.13 x 10 <sup>5</sup>	1.15 x 10 <sup>5</sup>
1.50 x 10 <sup>5</sup>	1.55 x 10 <sup>5</sup>	1.16 x 10 <sup>5</sup>	1.11 x 10 <sup>5</sup>	1.15 x 10 <sup>5</sup>
1.37 x 10 <sup>5</sup>	1.46 x 10 <sup>5</sup>	1.22 x 10 <sup>5</sup>	1.11 x10 <sup>5</sup>	1.16 x 10 <sup>5</sup>

C) Sum of the expression values for experiments of [33]. Each experiment has three replicates

Meristem_root_nodD	Distal_infection_zone_root_nodD	Proximal_infection_zone_root_nodD	Infected_root_nodD	Uninfected_root_nodD
1.52 x 10 <sup>5</sup>	1.49 x 10 <sup>5</sup>	1.51 x 10 <sup>5</sup>	1.49 x 10 <sup>5</sup>	1.53 x 10 <sup>5</sup>
1.51 x 10 <sup>5</sup>	1.50 x 10 <sup>5</sup>	1.50 x 10 <sup>5</sup>	1.47 x 10 <sup>5</sup>	1.51 x 10 <sup>5</sup>
1.50 x 10 <sup>5</sup>	1.52 x 10 <sup>5</sup>	1.47 x 10 <sup>5</sup>	1.42 x 10 <sup>5</sup>	1.52 x 10 <sup>5</sup>