

| author | study | condition | contrast | non-DE | DE1-2 | DE2-4 | DE4+ | SPE |
|------------|------------------|-------------------|--------------|--------|-------|-------|-------|-------|
| Waters2017 | stress cis-trans | leaf3 cold | B73 vs B37 | 14,991 | 5,508 | 2,524 | 2,191 | 765 |
| | | leaf3 cold | B73 vs Oh43 | 13,985 | 6,013 | 2,955 | 2,226 | 800 |
| | | leaf3 control | B73 vs B37 | 11,868 | 7,131 | 3,468 | 2,551 | 961 |
| | | leaf3 control | B73 vs Oh43 | 12,804 | 6,395 | 3,213 | 2,545 | 1,022 |
| | | leaf3 heat | B73 vs B37 | 14,488 | 5,491 | 2,937 | 2,276 | 787 |
| | | leaf3 heat | B73 vs Oh43 | 13,304 | 5,931 | 3,249 | 2,568 | 927 |
| | | leaf3 cold | B73 vs Mo17 | 17,235 | 2,783 | 2,136 | 1,550 | 796 |
| | | leaf3 cold | B73 vs PH207 | 17,202 | 3,023 | 2,075 | 1,439 | 761 |
| | | leaf3 control | B73 vs Mo17 | 18,843 | 2,012 | 1,610 | 1,226 | 809 |
| | | leaf3 control | B73 vs PH207 | 19,148 | 1,868 | 1,447 | 1,239 | 798 |
| | | leaf3 heat | B73 vs Mo17 | 18,453 | 2,433 | 1,641 | 1,152 | 821 |
| | | leaf3 heat | B73 vs PH207 | 16,533 | 3,404 | 2,312 | 1,459 | 792 |
| Marcon2017 | drought stress | root control | B73 vs Mo17 | 13,185 | 6,718 | 2,513 | 1,940 | 651 |
| | | root drought | B73 vs Mo17 | 13,828 | 6,370 | 2,347 | 1,864 | 598 |
| Sun2018 | mo17 genome | bract | B73 vs Mo17 | 19,008 | 832 | 980 | 1,192 | 702 |
| | | endosperm | B73 vs Mo17 | 18,841 | 1,021 | 1,240 | 1,016 | 596 |
| | | root | B73 vs Mo17 | 18,760 | 820 | 1,114 | 1,371 | 649 |
| | | seedling | B73 vs Mo17 | 19,416 | 661 | 850 | 980 | 807 |
| | | stem | B73 vs Mo17 | 18,669 | 887 | 1,130 | 1,164 | 864 |
| Zhou2018 | B73 Mo17 atlas | auricle | B73 vs Mo17 | 14,944 | 3,885 | 2,596 | 2,091 | 860 |
| | | blade leaf | B73 vs Mo17 | 16,331 | 3,174 | 2,170 | 1,775 | 926 |
| | | coleoptile | B73 vs Mo17 | 18,653 | 2,392 | 1,389 | 1,367 | 575 |
| | | ear | B73 vs Mo17 | 18,838 | 2,425 | 1,213 | 1,095 | 805 |
| | | embryo | B73 vs Mo17 | 16,351 | 3,577 | 2,227 | 1,407 | 814 |
| | | endosperm14D | B73 vs Mo17 | 17,848 | 2,570 | 1,748 | 1,468 | 742 |
| | | endosperm27D | B73 vs Mo17 | 16,695 | 3,105 | 2,254 | 1,458 | 864 |
| | | flag leaf | B73 vs Mo17 | 16,090 | 3,146 | 2,329 | 1,898 | 913 |
| | | floret | B73 vs Mo17 | 17,037 | 3,259 | 1,977 | 1,342 | 761 |
| | | husk | B73 vs Mo17 | 16,723 | 3,362 | 1,809 | 1,605 | 877 |
| | | internode | B73 vs Mo17 | 13,644 | 4,273 | 2,844 | 2,653 | 962 |
| | | kernel | B73 vs Mo17 | 17,590 | 2,946 | 1,734 | 1,362 | 744 |
| | | radicle root | B73 vs Mo17 | 18,120 | 2,346 | 1,764 | 1,501 | 645 |
| | | root | B73 vs Mo17 | 17,334 | 2,883 | 1,844 | 1,499 | 816 |
| | | seed imbibed | B73 vs Mo17 | 12,068 | 5,342 | 3,606 | 2,626 | 734 |
| | | seedling leaf | B73 vs Mo17 | 16,245 | 2,938 | 2,286 | 2,079 | 828 |
| | | seedling meristem | B73 vs Mo17 | 19,207 | 1,923 | 1,249 | 1,235 | 762 |
| | | seedling root | B73 vs Mo17 | 18,842 | 2,009 | 1,631 | 1,180 | 714 |
| | | sheath | B73 vs Mo17 | 15,209 | 3,885 | 2,633 | 1,810 | 839 |
| | | silk | B73 vs Mo17 | 15,378 | 3,577 | 2,303 | 2,152 | 966 |
| | | spikelet | B73 vs Mo17 | 17,984 | 2,736 | 1,589 | 1,209 | 858 |
| | | tassel | B73 vs Mo17 | 15,594 | 3,856 | 2,435 | 1,677 | 814 |
| | | tassel stem | B73 vs Mo17 | 12,564 | 4,625 | 3,512 | 2,652 | 1,023 |