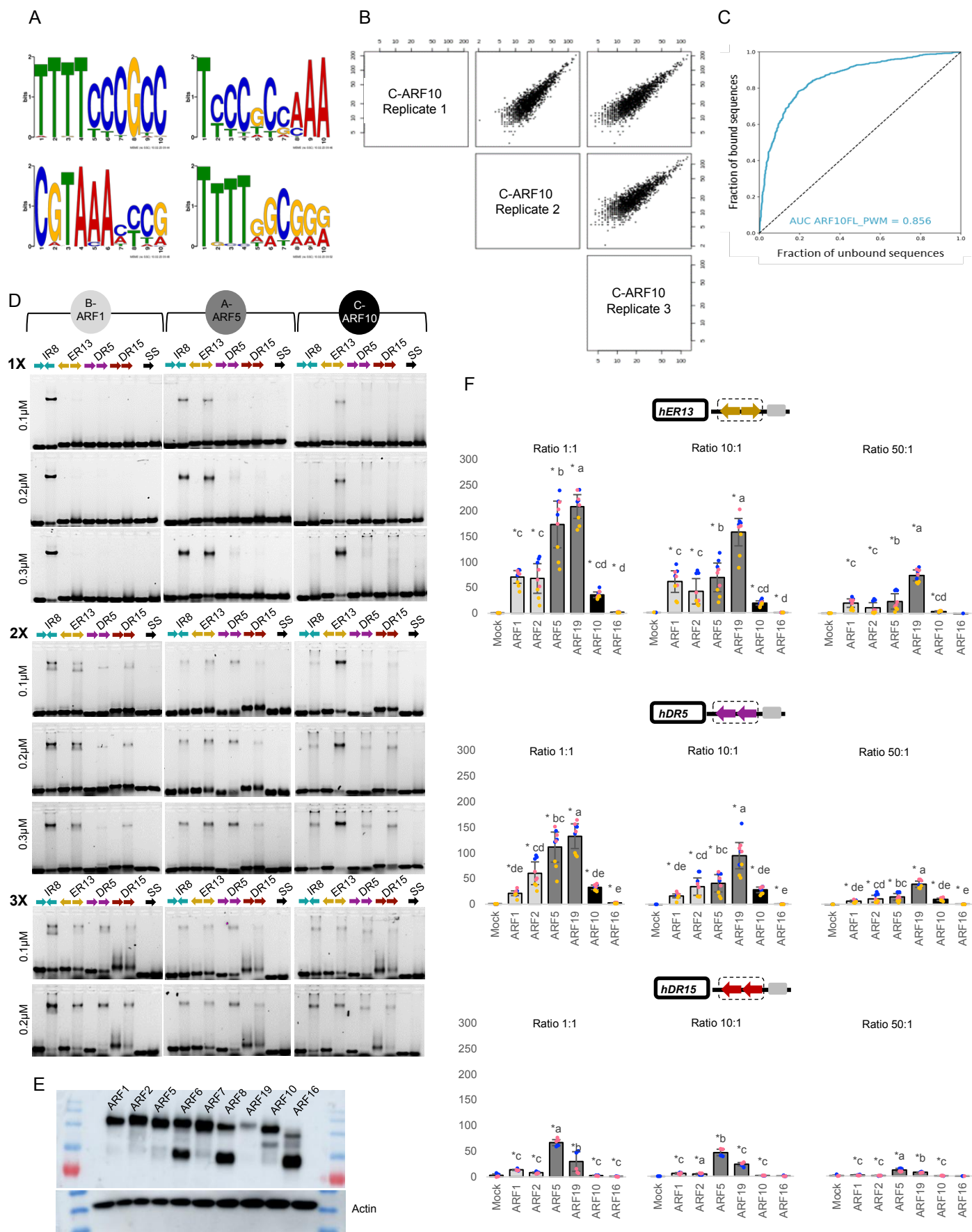
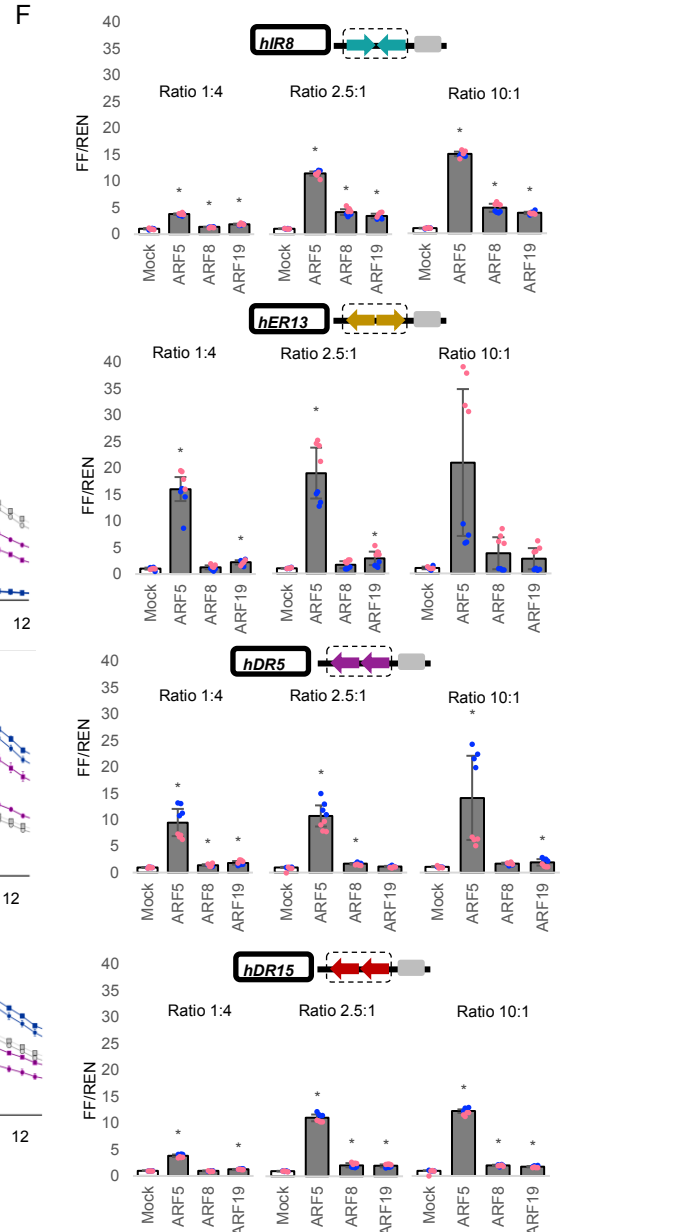
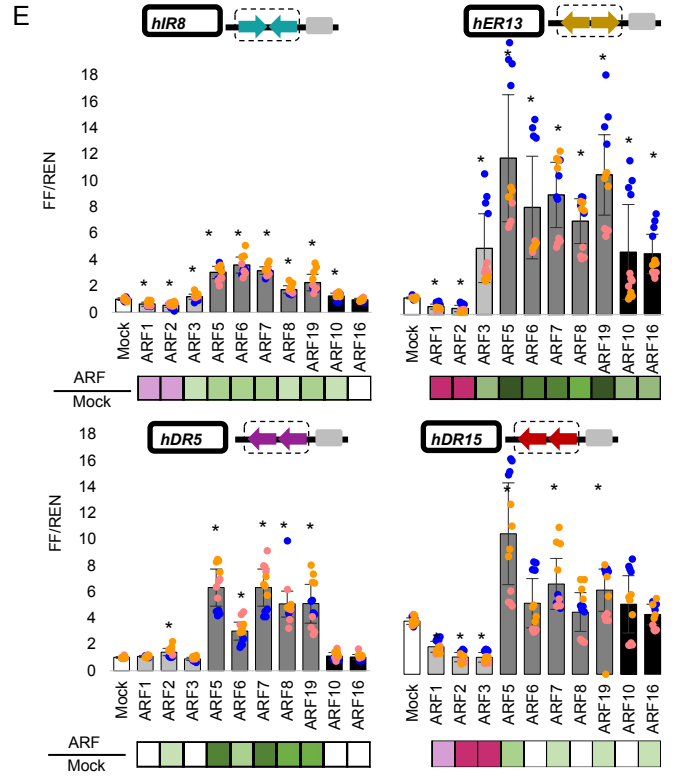
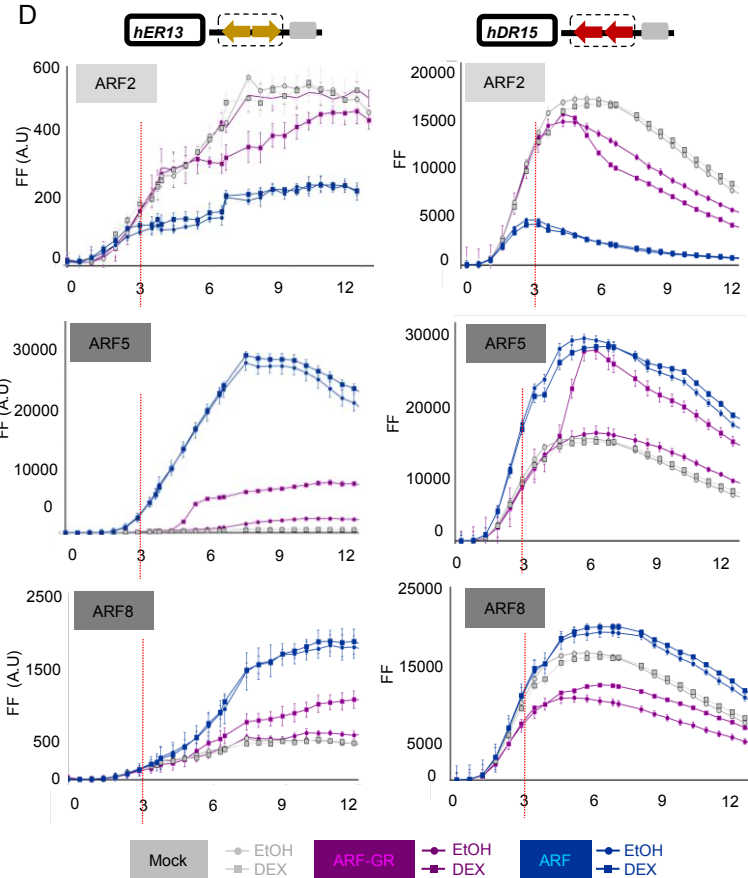
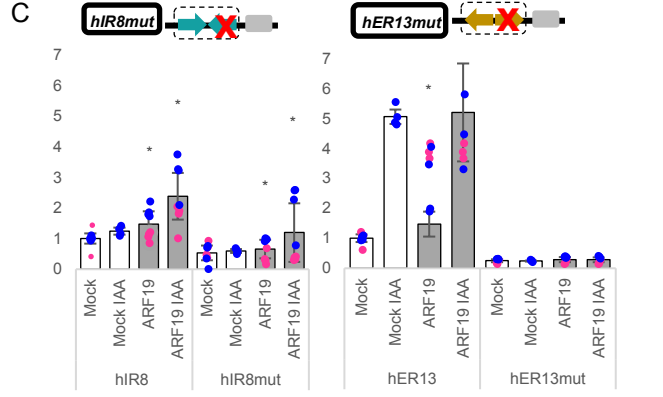
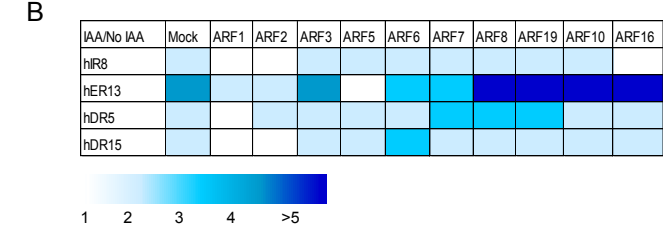
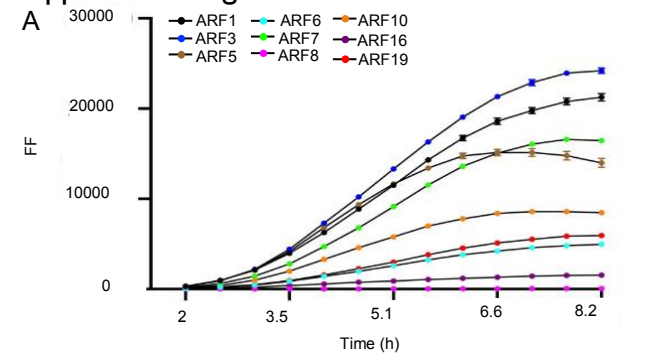
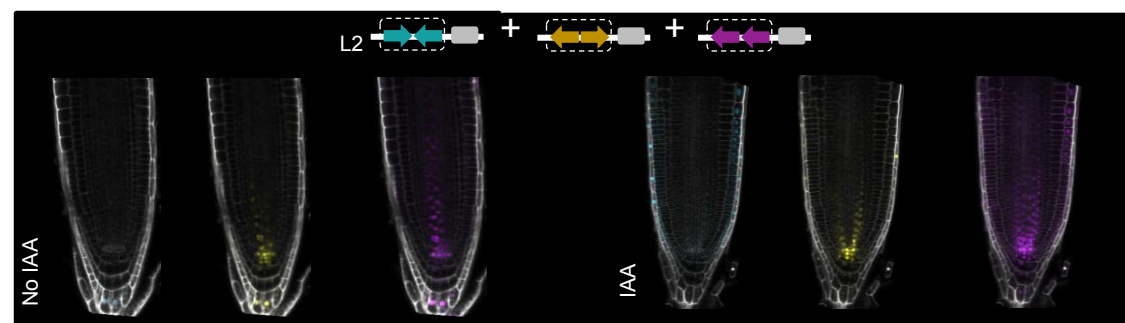
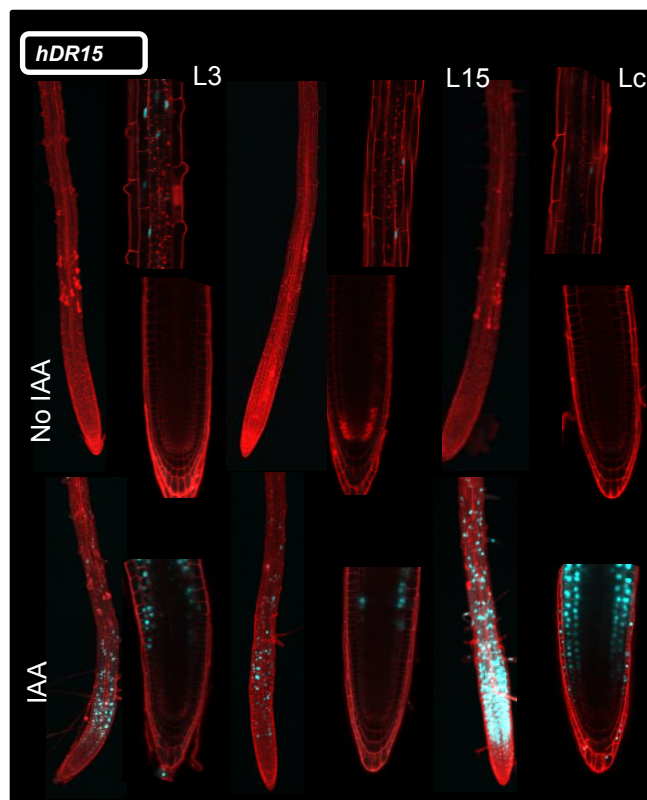
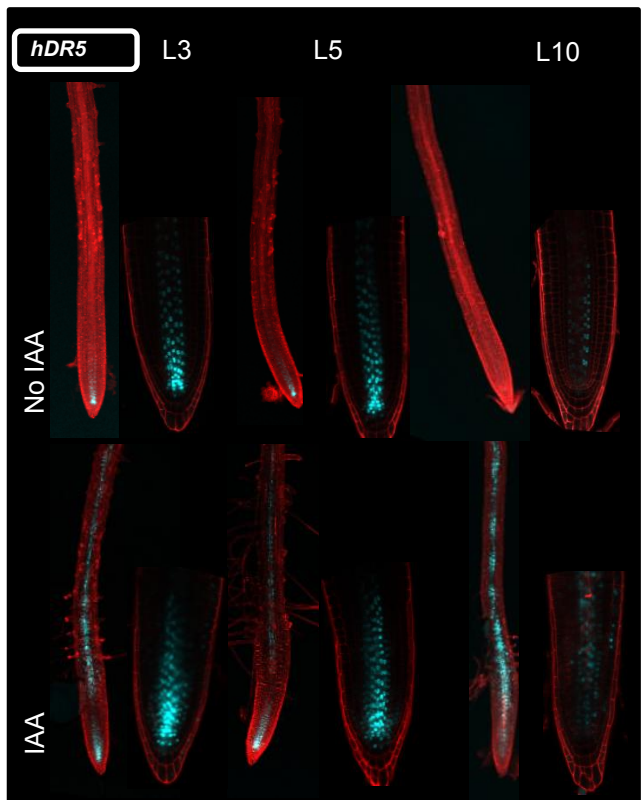
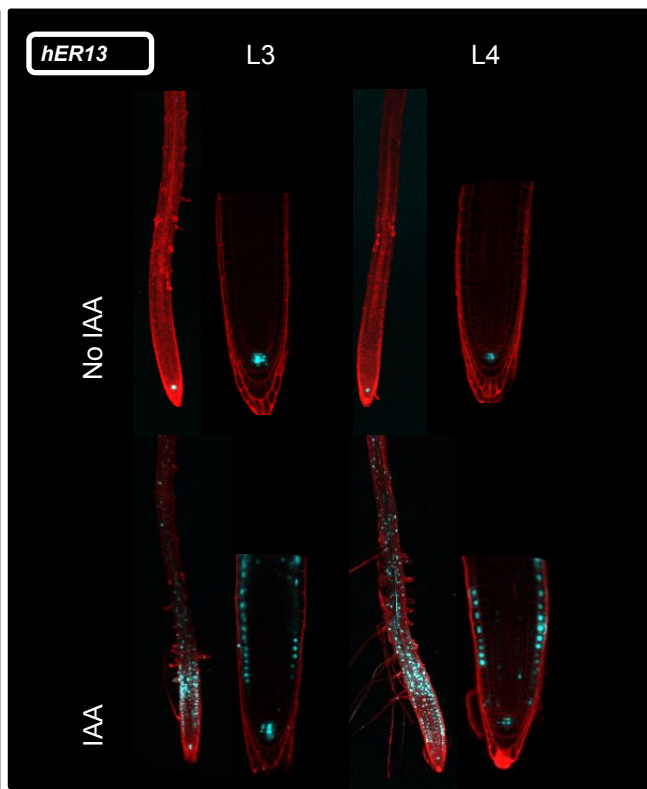
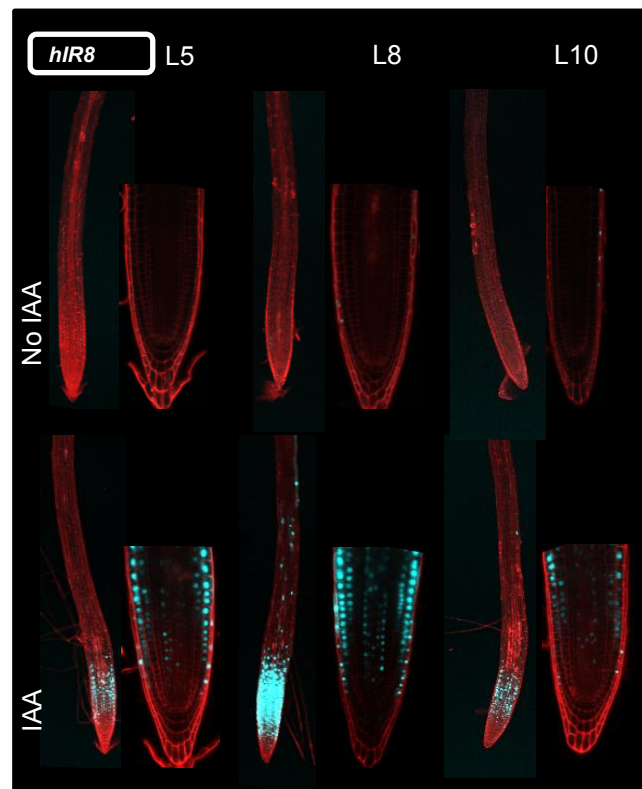




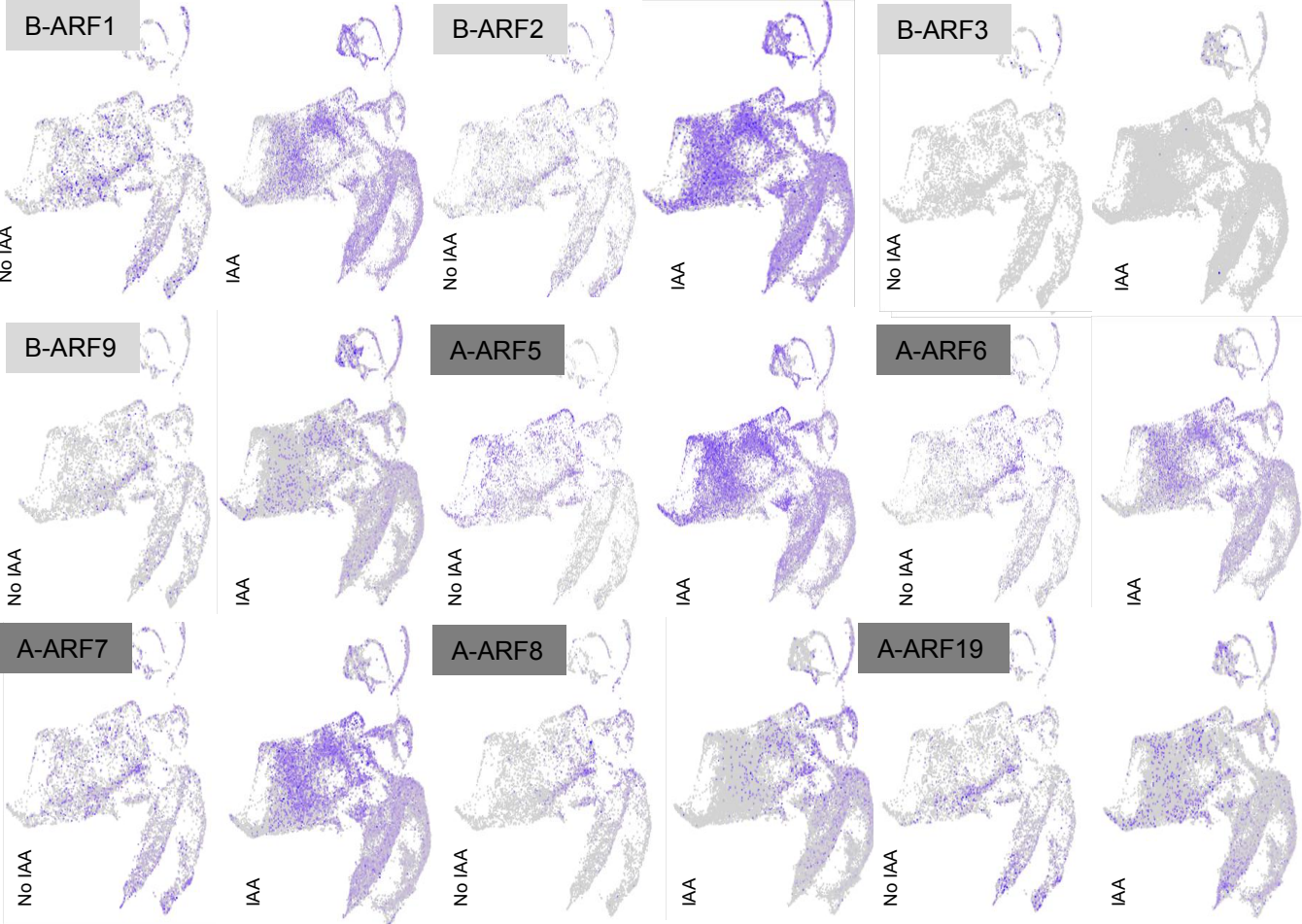
Supplemental Figure 2



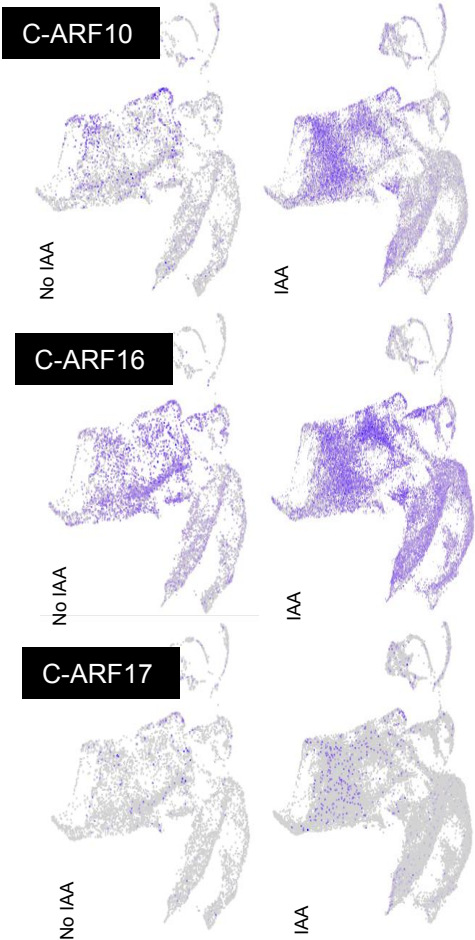


Supplemental Figure 3

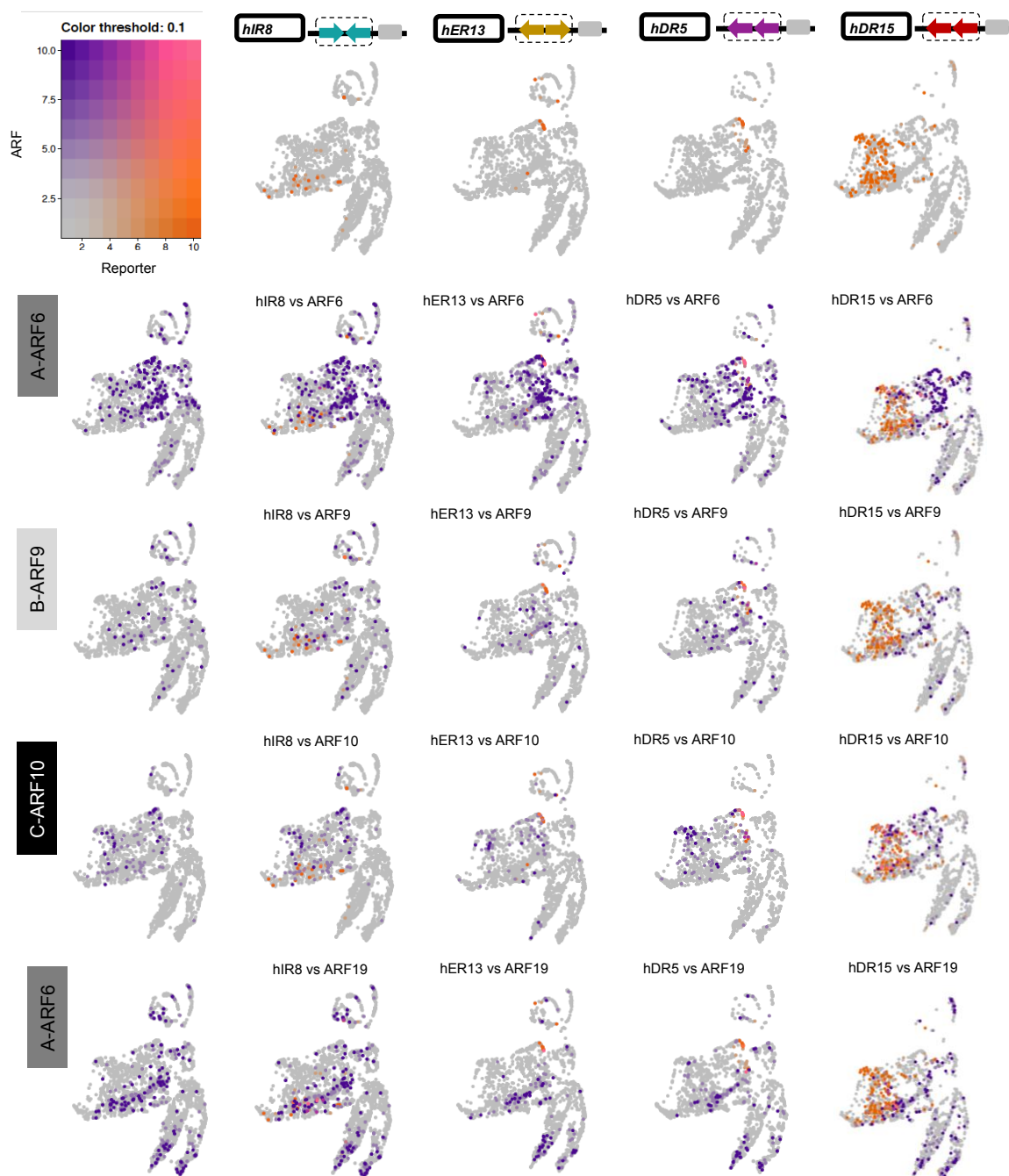
Supplemental Figure 4



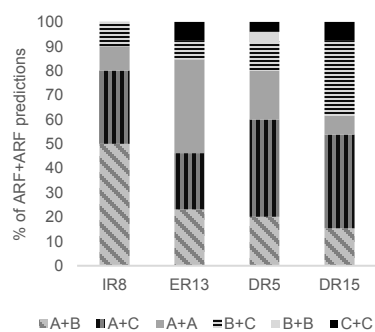
|                             |     | B |   |   |   | A |   |   |   | C  |    |    |    |
|-----------------------------|-----|---|---|---|---|---|---|---|---|----|----|----|----|
| Cell type \ ARF             | ARF | 1 | 2 | 3 | 9 | 5 | 6 | 7 | 8 | 19 | 10 | 16 | 17 |
| Atrichoblast                |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Columella                   |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Cortex                      |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Endodermis                  |     |   |   |   |   |   |   |   |   |    |    |    |    |
| G2_M_phase_1                |     |   |   |   |   |   |   |   |   |    |    |    |    |
| G2_M_phase_2                |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Initials Stele QC           |     |   |   |   |   |   |   |   |   |    |    |    |    |
| LRC                         |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Stele Pericycle             |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Trichoblast                 |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Xylem procambium            |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Young Atrichoblast 1        |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Young Columella_LR          |     |   |   |   |   |   |   |   |   |    |    |    |    |
| C_Histone                   |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Young_epidermis_His<br>tone |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Young_LRC                   |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Young_LRC_Columel<br>la_1   |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Young_LRC_Columel<br>la_2   |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Young Trichoblast 1         |     |   |   |   |   |   |   |   |   |    |    |    |    |
| Young Trichoblast 2         |     |   |   |   |   |   |   |   |   |    |    |    |    |



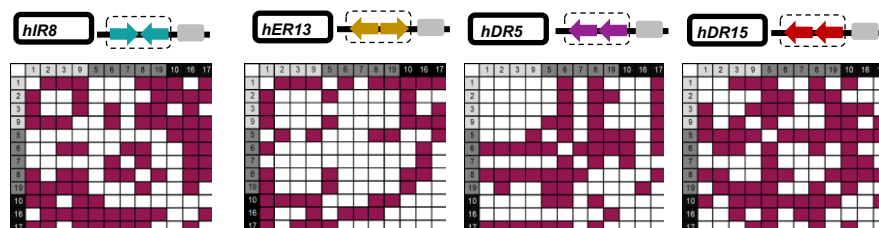
A

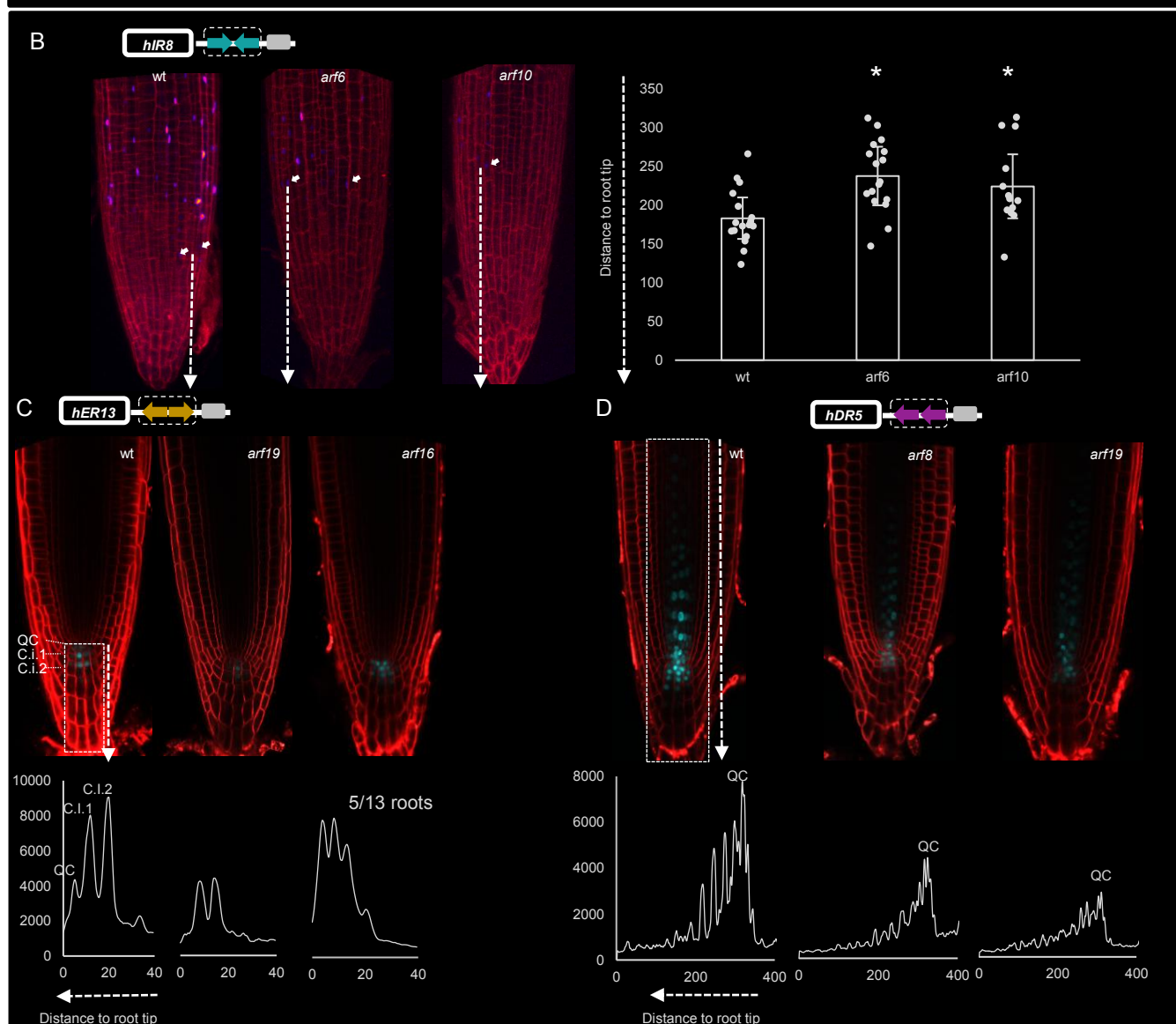
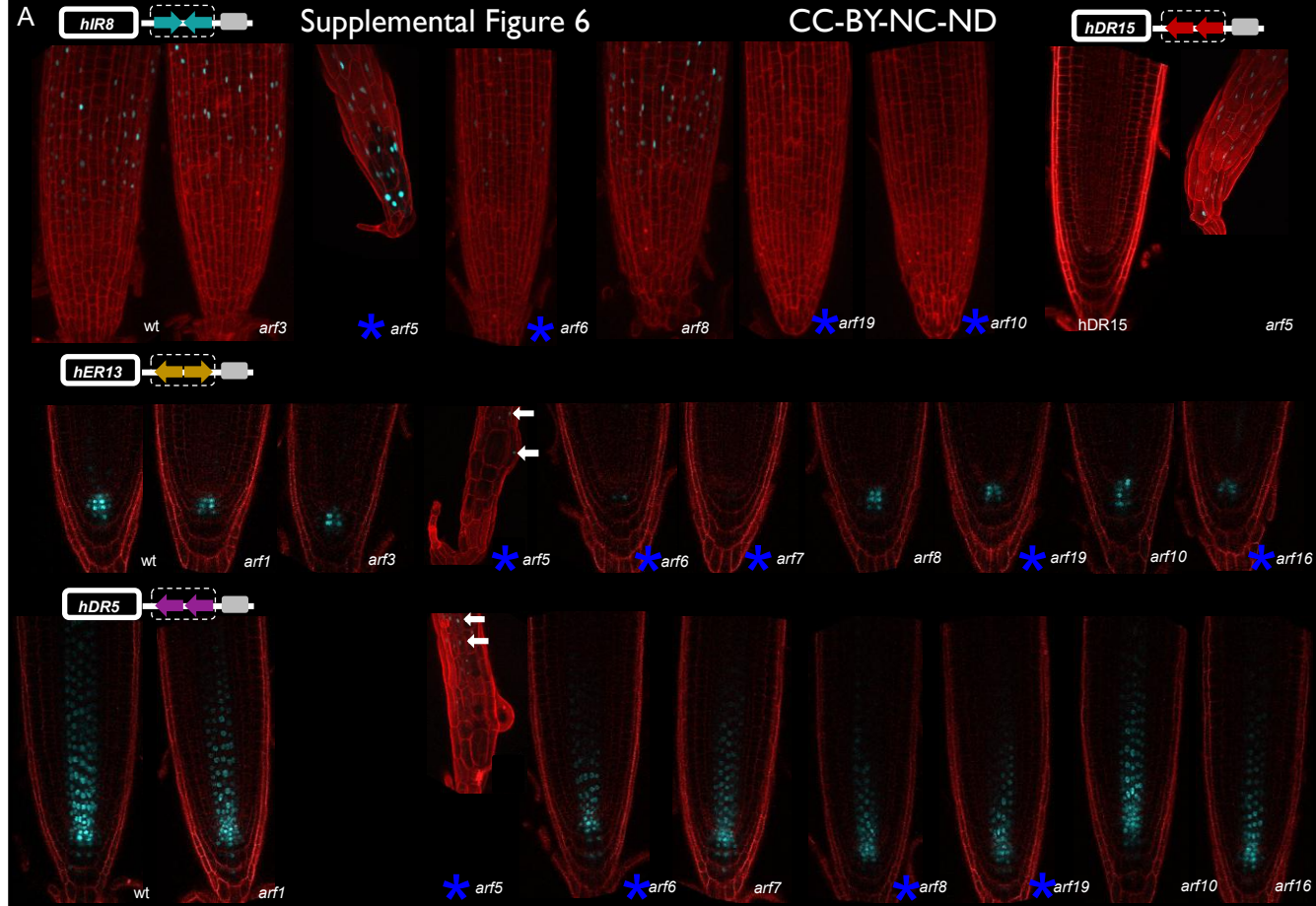


B



C





Supplemental Figure 7

