**Table S7. Comparison between *ACD6* alleles conferring increased immunity.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Increases immunity** | **Temp. sens.?** | **Phenotype at 16°C** | **Phenotype at 23°C** | **Causal polymorphism** | **Distribution** |
| ***acd6*-1** | alone | yes | dead | necrosis/severe necrosis | single aa substitution in TM domain (L591F) | (artificial, EMS mutant) |
| **Est-1** | alone | no | necrosis | necrosis | two aa substitutions in TM domain (A566N and L634F) | ~20% frequency in both local and regional populations |
| **Mir-0** | in combination with Se-0 allele | yes | in hybrids: severe necrosis | in hybrids: no developmental defects | one aa insertion in TM domain (482\_483insL) | ~6% frequency in the global Arabidopsis population; at ~22% in the Costa Brava |
| **Se-0** | in combination with Mir-0 allele | yes | polymorphisms in the TM domain (between aa 512-634) | found exclusively in the Costa Brava, at ~9% frequency |