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| **Supplementary file 4. Criteria for defining divergence classes following (Landry et al., 2005).** | | | | |
| **Divergence class** | **Alleles - Binomial test** | **Parents - Binomial test** | **ASE versus Parents - Fisher test** | **Additional** |
| cis | \*\* (A1≠A2) | \*\* (P1≠ P2) | NS (P1/P2 = A1/A2) | NA |
| trans | NS (A1= A2) | \*\* (P1 ≠ P2) | \*\* (P1/P2 ≠ A1/A2) | NA |
| cis + trans | \*\* (A1≠A2) | \*\* (P1≠ P2) | \*\* (P1/P2 ≠ A1/A2) | log2(P1/P2)/log2(A1/A2) > 1 |
| cis - trans | \*\* (A1≠A2) | \*\* (P1≠ P2) | \*\* (P1/P2 ≠ A1/A2) | log2(P1/P2)/log2(A1/A2) < 1 |
| compensatory | \*\* (A1≠A2) | NS (P1 = P2) | \*\* (P1/P2 ≠ A1/A2) | NA |
| conserved | NS (A1 = A2) | NS (P1 = P2) | NS (P1/P2 = A1/A2) | NA |
| A1 - allele 1, A2 - allele 2, P1 - parent 1, P2 - parent 2, \*\* - statistically significant with FDR 10%, NS - non-significant with FDR 10% | | | | |