Additional file 14. Differential expression of effector genes between *X. citri* subsp. *citri* str. 306 (A) and *X. citri* subsp. *citri* str. Aw12879 (W) in both NB medium and XVM2 medium. FDR values are in parenthesis. The effector genes that pass cut-off value of 0.05 are marked in green.

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| --- | --- | --- | --- | --- | --- |
| **Effector class** | **Xcaw12879** | **XccA306** | **Log2 fold change (FDR)****WNB/ANB** | **Log2 fold change (FDR)****WXVM/AXVM** | **Promoter region** |
| AvrBs2 | XCAW\_00465 | XAC0076 | 1.04 (0.72) | 1.2 (0.08) | Different -10 |
| XopA (Hpa1/HpaG) | XCAW\_00826 | XAC0416 | 1.48 (0.53) | 1.14 (0.16) | Different -35 |
| XopE1 (AvrXacE1) | XCAW\_00686 | XAC0286 | -1.03 (0.77) | 1.19 (0.06) | Same |
| XopE3 (AvrXacE2) | XCAW\_03515 | XAC3224 | 1.01 (1.0) | 1.04 (0.38) | Same |
| XopF2 | XCAW\_01388 Ψ | XAC2785 Ψ | 1.21 (0.21) | 2.39 (0.19) | Same |
| XopI | XCAW\_03828 | XAC0754 | 1.74 (0.06) | 1.15 (0.46) | Same |
| XopK | XCAW\_03372 | XAC3085 | 1.23 (0.48) | 1.04 (0.83) | Same |
| XopL | XCAW\_03376 | XAC3090 | 1.04 (0.82) | 1.59 (0.03) | Same |
| XopQ | XCAW\_04706 | XAC4333 | 1.05 (0.72) | -1.07 (0.19) | Same |
| XopR | XCAW\_00677 | XAC0277 | -1.01 (1.0) | 1.23 (0.14) | Same |
| XopV | XCAW\_03980 | XAC0601 | 1.17 (0.21) | 1.43 (0.08) | Same |
| XopX | XCAW\_00956 | XAC0543 | 1.20 (0.20) | 1.20 (0.05) | Same |
| XopZ1 | XCAW\_01815 | XAC2009 | 1.03 (0.85) | 1.16 (0.09) | Same |
| XopAD | XCAW\_00082 | XAC4213 | 1.03 (0.87) | 1.18 (0.02) | Same |
| XopAI | XCAW\_01099 | XAC3230 | -1.02 (0.85) | 1.09 (0.10) | Same |
| XopAK | XCAW\_04369 | XAC3666 | -1.01 (0.96) | 1.13 (0.12) | Same |
| XopAP | XCAW\_03269 | XAC2990 | -1.07 (0.04) | 1.01 (1.0) | Same |
| HpaA | XCAW\_00810 | XAC0400 | -7.31 (0.26) | 1.07 (0.81) | Same |
| HrpW (PopW) | XCAW\_03200 | XAC2922 | 1.03 (0.60) | 1.28 (0.02) | Same |
| XopAQ | XCAW\_03514 | No annotation between XAC3223 and XAC3224 | -1.02 (0.81) | 1.41 (0.04) | Same |
| XopE2 (AvrXacE3, AvrXccE1) | XCAW\_03520 | XACb0011 | -1.00 (1.0) | -1.02 (0.56) | Different -35 |
| XopN | XCAW\_01387 | XAC2786 | 1.23 (0.16) | 1.40 (0.06) | Same |
| XopP | XCAW\_01310 | XAC1208 | 1.06 (0.36) | 1.16 (0.10) | Same |
| XopAE (HpaF/HpaG) | XCAW\_00801 | XAC0393 | -1.10 (0.69) | 1.04 (0.56) | Same |
| XopC2 | XCAW\_01311Ψ | XAC1209Ψ XAC1210Ψ | ---1.02 (0.99) | --1.04 (0.64) | Same |