**Figure 5–source data 2. Table of cell wall mutants analysed**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Cell wall component | AGI/Name | Function\* | Mutant | References | Expression in stigma\*\* |
| Cellulose | AT5G49720 *KOR1*  | Endoglucanase 25 |  *kor1* | His et al., 2001; Lei et al., 2014; Nicol et al., 1998 | Yes |
| Cellulose | AT5G64740 *PRC1* | Cellulose synthaseA catalytic subunit 6 | *prc1* | Fagard et al., 2000; MacKinnon et al., 2006; Panteris et al., 2014; Xiao et al., 2016  | Yes |
| Cellulose | AT4G32410 *ANY1* | Cellulose synthaseA catalytic subunit 1 | *any1* | Fujita et al., 2013  | Yes |
| Hemicellulose | AT3G62720 *XXT1* AT4G02500 *XXT2*  | Xyloglucan 6-xylosyltransferase 1Xyloglucan 6-xylosyltransferase 2 |  *xxt1 xxt2* | Cavalier et al., 2008; Xiao et al., 2016 | Yes |
| Hemicellulose | AT1G68560 *XYL1* | Alpha-xylosidase 1 | *xyl1.4* | Sechet et al., 2016 | Yes |
| Pectin | AT1G78240 *QUA2*  | Probable Pectin methyltransferase | *qua2.1*  | Abasolo et al., 2009; Mouille et al., 2007; Verger et al., 2018 | Yes |

\*From <https://www.uniprot.org>

\*\*From Kodera et al., 2018 (<https://doi.org/10.1101/374843>) and ePlant: <https://bar.utoronto.ca/eplant/>

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