

| Fungal expressed genes up-regulated by P treatment | | | | | Fungal expressed genes down-regulated by P treatment | | | | | Fungal expressed genes up regulated during interaction with sorghum | | | Fungal expressed genes up regulated during interaction with poplar | | |
|--|--|---|--|---|---|--|--|--|--|--|---|--|--|---|--------------------------------|
| Effect of HP regardless of the fungal compartment (ERM or IRM) (0/1) | Effect of HP in <i>planta</i> (IRM) (2/52) | Effect of HP specifically expressed in sorghum (13/246) | Effect of HP specifically expressed in poplar (237/3110) | Effect of HP specifically expressed in ERM (3/73) | Repressed by HP regardless of the fungal compartment (ERM or IRM) (0/0) | Repressed by HP in <i>planta</i> (0/4) | Repressed by HP specifically in sorghum (0/26) | Repressed by HP specifically in poplar (6/264) | Repressed by HP specifically in ERM (7/209) | Effect of sorghum regardless of [Phosphate] (144/1443) | Effect of sorghum in LP (207/3190) | Effect of sorghum in HP (30/600) | Effect of poplar regardless of [Phosphate] (3/389) | Effect of poplar in LP (14/484) | Effect of poplar in HP (1/353) |
| | Ves18 Ves92 | Transp189 Ves84 Transp224 Ves103 Transp277 Ves82 NAR3 MD-2_25 Transp251 Ves7 Transp74 Ves60 Transp219 | Ves94 Transp280 Lip25 Transp26 Transp93 Lip14 Transp149 Transp135 TransVes9 Transp196 RiPT11 Lip12 Transp80 Lip24 Ves21 Ves28 Ves116 Desat8 Ves106 Transp296 Transp20 RiPT7 Transp195 AOAT SugTrans46 TransVes8 Transp207 Transp151 SugTrans6 Transp282 GS3 NAR1 SugTrans33 Ves111 Transp75 Lip31 Transp164 Transp98 SugTrans24 Transp259 Transp158 Ves113 Lip28 Lip21 Desat3 Transp243 NAR4 Transp261 Transp281 Ves46 Transp121 Transp131 SugTrans22 SugTrans2 Transp292 Ves52 Transp3 Transp208 Transp172 Transp210 Transp88 Ves50 URE Transp79 Ves55 Transp22 GintAMT3 Ves53 SugTrans30 Transp95 SugTrans1 SugTrans41 Ves51 Transp232 Transp237 RTC1 Lip44 Transp273 SugTrans4 Transp123 Transp197 Lip47 Transp218 GintAMT1 Ves78 Transp122 SugTrans54 NRT1 Ves76 SugTrans5 Ves97 Lip60 Transp24 TransVes3 Transp265 Ves80 Transp19 Ves11 Transp154 Transp92 Transp171 Transp167 OTA Lip62 SugTrans12 Transp99 Lip56 NIR2 Ves115 Transp107 Transp245 Transp179 Transp162 Transp206 Transp187 GS1 OCT Transp111 Desat5 Ves87 SugTrans14 Ves101 Lip52 AGK/AGPR Lip57 Transp247 Transp240 Ves66 Ves85 Transp109 Elo2 Desat7 Ves14 SugTrans39 Transp101 Lip4 Desat2 Transp205 Transp84 Transp40 SugTrans34 Ves110 Bind1 Lip49 Polyphosphatase2 TransVes12 Ves91 Transp298 Transp270 Transp125 Ves65 Ves105 NIR3 Transp181 Transp174 Ves68 Transp231 Transp52 Ves2 Ves93 Transp97 Transp276 Transp199 Transp128 Ves120 Transp104 Transp283 Ves112 MD-2_1 SugTrans3 Ves34 CPS2 NAR5 Lip59 SugTrans16 Transp203 Transp305 Lip64 ODC Transp43 Transp156 Lip36 Ves4 Ves10 Transp192 GS4 Transp285 Transp211 Transp216 Lip48 Transp254 Lip18 Ves27 ASL Ves70 SugTrans20 AQPF2 Ves30 Transp279 Transp150 Ves54 Transp21 Transp127 Transp177 Ves96 SUC1 Ves40 Transp137 Transp41 Elo1 Lip65 SugTrans57 Ves1 Transp306 Desat9 TransVes4 SugTrans55 Lip3 SugTrans38 SugTrans27 MD-2_13 Transp256 VBA1 Transp77 OAT GOGAT Ves88 Transp103 Transp201 Bind4 Ves58 Ves119 SugTrans15 SugTrans26 Transp225 MST6 | MD-2_18 MD-2_9 Transp173 | | | | | Transp222 Ves73 Transp248 Transp288 Ves20 Transp157 | SugTrans19 Transp255 Transp115 Desat3 GintAMT2 MD-2_13 Transp242 | Transp118 Transp195 Transp196 Desat6 Transp135 Ves21 SugTrans47 Transp261 Ves116 Ves106 NAR5 TransVes8 Transp167 Ves24 SugTrans6 Transp273 Transp151 GS3 AOAT RiHAK URE SugTrans1 Transp20 RiPT6 Transp98 Transp174 Transp270 Transp179 Transp232 RiPT3 Transp259 NAR3 SugTrans30 Transp299 Transp218 Transp192 Ves53 Ves35 SugTrans33 Ves5 Transp75 Ves52 Transp201 Transp3 Transp154 Lip21 Transp128 Transp181 Ves31 SugTrans5 Lip60 Elo1 Transp172 Transp101 Ves99 Transp99 Transp163 RiPT1 Transp90 VBA2 Ves10 Lip64 SugTrans34 Ves98 Lip69 Ves105 Ves96 Transp104 Ves11 SugTrans57 Transp283 SugTrans39 Transp306 Ves56 Ves46 Transp108 Ves119 TransVes3 Lip48 SugTrans54 Transp19 Ves65 Transp5 Transp173 Transp238 MST5 TransVes12 RTC2 Phosphatase1 Lip65 SugTrans14 Transp279 Transp285 Transp177 SugTrans29 Transp38 GS4 Transp106 Transp290 SugTrans27 Transp289 Ves70 Transp156 SugTrans50 Transp137 Elo4 Ves2 Ves36 TransVes10 Transp12 Transp231 MST4 SugTrans55 Transp166 Bind1 SugTrans38 Transp276 Transp216 ASL SugTrans58 TransVes4 Transp130 Transp10 RiPT9 Lip16 Transp142 Transp21 Transp165 SugTrans16 Transp168 Transp140 SugTrans49 Ves107 SugTrans40 SugTrans32 Transp252 Transp23 Transp234 Transp180 RiPT10 Ves86 Ves38 Ves15 Ves90 Ves82 | Transp144 Lip17 Lip8 Ves84 MD-2_12 Lip15 Transp17 SugTrans24 SugTrans21 Lip63 Transp159 Transp26 Transp224 Transp297 Desat8 TransVes17 SugTrans25 Transp153 SugTrans52 Transp178 Lip31 Transp44 Ves72 Lip66 Transp93 Ves103 SugTrans25 Transp143 Desat4 Transp251 Ves100 SugTrans51 | Transp209 Transp157 Ves20 | Transp222 Transp193 Transp223 Ves16 Ves73 Transp258 Transp115 SugTrans11 Transp277 Transp82 Transp264 Ves61 Transp248 | Ves25 |