



IMSC #	Plant name	Publication	PMID
40829	Δ PpBBE1#80	Toplak et al. (2018)	29633551
40830	Δ PpBBE1#83	Toplak et al. (2018)	29633551
40831	Δ PpBBE1#100	Toplak et al. (2018)	29633551
40636	DPpRecQ4-1	Wiedemann et al. (2018)	29514942
40641	DPpRecQ4-2	Wiedemann et al. (2018)	29514942
40643	DPpRecQ6-1	Wiedemann et al. (2018)	29514942
40649	DPpRecQ6-2	Wiedemann et al. (2018)	29514942
40815	AtRecQ4A_DPpRecQ4-1#1	Wiedemann et al. (2018)	29514942
40816	AtRecQ4A_DPpRecQ4-1#2	Wiedemann et al. (2018)	29514942
40817	AtRecQ4B_DPpRecQ4-1#1	Wiedemann et al. (2018)	29514942
40818	HsBlm_DPpRecQ4-1#2	Wiedemann et al. (2018)	29514942
40819	HsBlm_DPpRecQ4- 1#3	Wiedemann et al. (2018)	29514942
40820	HsBlm_DPp RecQ4-1#1	Wiedemann et al. (2018)	29514942
40821	PpRecQ6:GUS-1	Wiedemann et al. (2018)	29514942
40822	PpRecQ6:GUS-2	Wiedemann et al. (2018)	29514942
40823	PpRecQ4:GUS-1	Wiedemann et al. (2018)	29514942
40824	PpRecQ4:GUS-2	Wiedemann et al. (2018)	29514942
40825	PpRecQ4:GUS-3	Wiedemann et al. (2018)	29514942
40826	PpRecQ4:GUS-4	Wiedemann et al. (2018)	29514942
40827	PpRecQ4:GUS-5	Wiedemann et al. (2018)	29514942
40805	cyp98a34 KO #47	Renault et al. (2017)	28270693
40806	cyp73a48 KO #23	Renault et al. (2017)	28270693
40807	CYP98A34:GUS #06	Renault et al. (2017)	28270693
40808	CYP98A34:GUS #13	Renault et al. (2017)	28270693
40809	CYP98A34:GUS #14	Renault et al. (2017)	28270693
40810	CYP73A48:GUS #01	Renault et al. (2017)	28270693
40811	CYP73A48:GUS #13	Renault et al. (2017)	28270693
40812	CYP73A48:GUS #23	Renault et al. (2017)	28270693
40813	CYP73A48:GUS #24	Renault et al. (2017)	28270693
40814	CYP73A48:GUS #17	Renault et al. (2017)	28270693
40587	Δ CCD7-17	Decker et al. (2017)	28262967
40588	Δ CCD7-20	Decker et al. (2017)	28262967
40589	Δ CCD7-21	Decker et al. (2017)	28262967
40590	Δ CCD7-23	Decker et al. (2017)	28262967
40596	Δ CCD8-15	Decker et al. (2017)	28262967
40598	Δ CCD8-18	Decker et al. (2017)	28262967
40663	Δ PpSCRM1-172	Chater et al. (2016)	27892923
40664	Δ PpSCRM1-177	Chater et al. (2016)	27892923
40700	SMF1_10	Chater et al. (2016)	27892923
40701	Δ PpSMF1-12	Chater et al. (2016)	27892923
40702	Δ PpSMF1-14	Chater et al. (2016)	27892923
40703	WT (Vx)	Chater et al. (2016)	27892923



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40704	Δ PpSMF2-17	Chater et al. (2016)	27892923
40705	Δ PpSMF2-18	Chater et al. (2016)	27892923
40707	WT (GrD12)	Chater et al. (2016)	27892923
40715	BELL1-GUS-16	Horst et al. (2016)	27250874
40717	Δ BELL1-2	Horst et al. (2016)	27250874
40718	Δ BELL1-4	Horst et al. (2016)	27250874
40719	Δ BELL1-9	Horst et al. (2016)	27250874
40720	BELL1oe-7	Horst et al. (2016)	27250874
40724	BELL1oe-27	Horst et al. (2016)	27250874
40725	BELL1oe-31	Horst et al. (2016)	27250874
40731	BELL2-GUS-12	Horst et al. (2016)	27250874
40732	BELL2-GUS-16	Horst et al. (2016)	27250874
40733	BELL2-GUS-37	Horst et al. (2016)	27250874
40734	BELL2-GUS-38	Horst et al. (2016)	27250874
40735	BELL2-GUS-44	Horst et al. (2016)	27250874
40741	Δ BELL1-13	Horst et al. (2016)	27250874
40742	Δ BELL1-21	Horst et al. (2016)	27250874
40743	Δ BELL1-25	Horst et al. (2016)	27250874
40744	Δ BELL1-34	Horst et al. (2016)	27250874
40755	Δ FIE Δ BELL1-10	Horst et al. (2016)	27250874
40756	Δ FIE Δ BELL1-18	Horst et al. (2016)	27250874
40757	Δ FIE Δ BELL1-167	Horst et al. (2016)	27250874
40761	BELL1-GUS-21	Horst et al. (2016)	27250874
40794	DPpFIE-9	Pereman et al. (2016)	27179444
40795	DPpFIE-1	Pereman et al. (2016)	27179444
40796	DPpCLF-3	Pereman et al. (2016)	27179444
40797	DPpCLF-12	Pereman et al. (2016)	27179444
40798	PpCLF F905A-4	Pereman et al. (2016)	27179444
40799	PpCLF F905A-11	Pereman et al. (2016)	27179444
40800	PpCLF F905Y-5	Pereman et al. (2016)	27179444
40801	PpCLF F905Y-8	Pereman et al. (2016)	27179444
40802	PpCLF NH926AA-2	Pereman et al. (2016)	27179444
40803	PpCLF NH926AA-3	Pereman et al. (2016)	27179444
40804	PpCLF Y964F-Ac6	Pereman et al. (2016)	27179444
40769	CerHSP in ATE:Cit49 #30	Hoernstein et al. (2016)	27067052
40770	CerHSP in ATE:GUS9 #16	Hoernstein et al. (2016)	27067052
40776	mtmEOS#44	Mueller and Reski (2015)	26779478
40691	d ate no. 3	Schuessele et al. (2016)	26428055
40692	d ate no. 1	Schuessele et al. (2016)	26428055
40693	d ate no. 2	Schuessele et al. (2016)	26428055
40694	ATE:GUS no. 3	Schuessele et al. (2016)	26428055
40695	ATE:GUS no. 9	Schuessele et al. (2016)	26428055
40696	ATE:GUS no. 14	Schuessele et al. (2016)	26428055
40758	Δ Ppmet 5	Yaari et al. (2015)	25944663



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40759	Δ Ppmet 227	Yaari et al. (2015)	25944663
40760	Δ Ppmet 262	Yaari et al. (2015)	25944663
40745	Poly HIV # 6	Orellana-Escobedo et al. (2015)	25477207
40746	Poly HIV # 7	Orellana-Escobedo et al. (2015)	25477207
40747	Poly HIV # 8	Orellana-Escobedo et al. (2015)	25477207
40748	Poly HIV # 9	Orellana-Escobedo et al. (2015)	25477207
40749	Poly HIV # 10	Orellana-Escobedo et al. (2015)	25477207
40750	Poly HIV # 15	Orellana-Escobedo et al. (2015)	25477207
40751	Poly HIV # 16	Orellana-Escobedo et al. (2015)	25477207
40474	pinA line 242	Bennet et al. (2014)	25448003
40475	pinA line 298	Bennet et al. (2014)	25448003
40477	pinB line 20	Bennet et al. (2014)	25448003
40478	pinB line 28	Bennet et al. (2014)	25448003
40580	pinA pinB line 28.17	Bennet et al. (2014)	25448003
40582	pinA pinB line 28.41	Bennet et al. (2014)	25448003
40583	pinA pinB line 20.53	Bennet et al. (2014)	25448003
40752	pinB line 52	Bennet et al. (2014)	25448003
40753	pinA pinB line 242.63	Bennet et al. (2014)	25448003
40754	pinA pinB line 242.37	Bennet et al. (2014)	25448003
40697	d ipt1#9	Lindner et al. (2014)	24692654
40698	d ipt1#10	Lindner et al. (2014)	24692654
40699	d ipt1#13	Lindner et al. (2014)	24692654
40669	HPR-Citrine #3	Mueller et al. (2014)	24515833
40670	HPR-Citrine #32	Mueller et al. (2014)	24515833
40671	HPR-Citrine #45	Mueller et al. (2014)	24515833
40672	MFP-Citrine #79	Mueller et al. (2014)	24515833
40676	SAMS-Citrine #17	Mueller et al. (2014)	24515833
40677	SAMS-Citrine #18	Mueller et al. (2014)	24515833
40678	SAMS-Citrine #20	Mueller et al. (2014)	24515833
40679	Fum-Citrine #26	Mueller et al. (2014)	24515833
40680	ClpP-Citrine #62	Mueller et al. (2014)	24515833
40681	ClpP-Citrine #65	Mueller et al. (2014)	24515833
40682	ClpP-Citrine #75	Mueller et al. (2014)	24515833
40683	HTI-Citrine #20	Mueller et al. (2014)	24515833
40684	HTI-Citrine #21	Mueller et al. (2014)	24515833
40685	HTI-Citrine #22	Mueller et al. (2014)	24515833
40218	P4H1KO I-192 EPO	Parsons et al. (2013)	24145658
40223	P4H5 KO IX-29 EPO	Parsons et al. (2013)	24145658
40230	P4H3 KO VIII-21 EPO	Parsons et al. (2013)	24145658
40231	P4H4 KO I-95 EPO	Parsons et al. (2013)	24145658
40234	P4H2 KO IX-6 EPO	Parsons et al. (2013)	24145658
40239	P4H6 KO X-31 EPO	Parsons et al. (2013)	24145658
40336	P4H1 OE XIX-12 in P4H1 KO I-192 EPO	Parsons et al. (2013)	24145658
40337	P4H1 OE XIX-16 in P4H1 KO I-192 EPO	Parsons et al. (2013)	24145658



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40338	P4H1 OE XIX-32 in P4H1 KO I-192 EPO	Parsons et al. (2013)	24145658
40339	P4H1 OE XIX-41 in P4H1 KO I-192 EPO	Parsons et al. (2013)	24145658
40340	P4H1 OE XIX-45 in P4H1 KO I-192 EPO	Parsons et al. (2013)	24145658
40832	smg1-1	Lloyd & Davies (2013)	24103012
40833	smg2-1	Lloyd & Davies (2013)	24103012
40383	Δ PpAOS1-5	Scholz et al. (2012)	23194461
40384	Δ PpAOS1-21	Scholz et al. (2012)	23194461
40686	Δ PpAOS2-9	Scholz et al. (2012)	23194461
40687	Δ PpAOS2-14	Scholz et al. (2012)	23194461
40688	Δ PpAOS2-71	Scholz et al. (2012)	23194461
40689	Δ PpAOS2-77	Scholz et al. (2012)	23194461
40690	Δ PpAOS2-119	Scholz et al. (2012)	23194461
40215	Dgalt3	Parsons et al. (2012)	22621344
40216	rhEPO 174.16	Parsons et al. (2012)	22621344
40279	DfucT	Parsons et al. (2012)	22621344
40290	Dgalt2/Dgalt3	Parsons et al. (2012)	22621344
40298	Dgalt1 No. 32	Parsons et al. (2012)	22621344
40301	Dgalt1 No. 58	Parsons et al. (2012)	22621344
40433	DPpDCL3	Arif et al. (2012)	22511605
40436	DPpDCL4-9	Arif et al. (2012)	22511605
40437	DPpDCL4-20	Arif et al. (2012)	22511605
40440	DPpDCL3/DPpDCL4-34	Arif et al. (2012)	22511605
40441	DPpDCL3/DPpDCL4-45	Arif et al. (2012)	22511605
40552	DPpDCL3/DPpDCL4-4	Arif et al. (2012)	22511605
40553	DPpDCL3/DPpDCL4-6	Arif et al. (2012)	22511605
40555	DPpDCL3/DPpDCL4-53	Arif et al. (2012)	22511605
40556	DPpDCL3/DPpDCL4-94	Arif et al. (2012)	22511605
40390	AAH-KO 45	Pribat et al. (2010)	20959559
40391	AAH-KO 46	Pribat et al. (2010)	20959559
40392	AAH-KO 47	Pribat et al. (2010)	20959559
40394	AAH-KO 49	Pribat et al. (2010)	20959559
40313	FH2	Büttner-Mainik et al. (2011)	20723134
40314	FH3	Büttner-Mainik et al. (2011)	20723134
40315	FH15	Büttner-Mainik et al. (2011)	20723134
40316	FH69	Büttner-Mainik et al. (2011)	20723134
40468	DPpAOC1 line 1	Stumpe et al. (2010)	20704658
40469	DPpAOC1 line 2	Stumpe et al. (2010)	20704658
40470	DPpAOC1 line 3	Stumpe et al. (2010)	20704658
40471	DPpAOC2	Stumpe et al. (2010)	20704658
40447	Δ SiR1 (1-6)	Wiedemann et al. (2010)	20347810
40450	Δ SiR1 (3-17)	Wiedemann et al. (2010)	20347810
40454	Δ SiR1 (4-5)	Wiedemann et al. (2010)	20347810
40455	Δ SiR1 (5-15)	Wiedemann et al. (2010)	20347810
40106	Δ PpDCL1b 1	Khraiwesh et al. (2010)	20085706



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40107	Δ PpDCL1b 2	Khraiwesh et al. (2010)	20085706
40108	Δ PpDCL1b 3	Khraiwesh et al. (2010)	20085706
40109	Δ PpDCL1b 4	Khraiwesh et al. (2010)	20085706
40204	Δ PpDCL1a 1	Khraiwesh et al. (2010)	20085706
40205	Δ PpDCL1a 2	Khraiwesh et al. (2010)	20085706
40128	Δ ftsZ1-1 (#216)	Martin et al. (2009)	19946616
40129	Δ ftsZ1-2 (#12)	Martin et al. (2009)	19946616
40130	Δ ftsZ1-2 (#14)	Martin et al. (2009)	19946616
40131	Δ ftsZ1-2 (Q1)	Martin et al. (2009)	19946616
40132	Δ ftsZ1-1/1-2 (#12)	Martin et al. (2009)	19946616
40133	Δ ftsZ1-1/1-2 (#14)	Martin et al. (2009)	19946616
40134	Δ ftsZ1-1/1-2 (#15)	Martin et al. (2009)	19946616
40135	Δ ftsZ1-1/1-2 (#45)	Martin et al. (2009)	19946616
40136	Δ ftsZ1-1/1-2 (#46)	Martin et al. (2009)	19946616
40137	Δ ftsZ3 (#12)	Martin et al. (2009)	19946616
40138	Δ ftsZ3 (#32)	Martin et al. (2009)	19946616
40139	Δ ftsZ3 (#38)	Martin et al. (2009)	19946616
40140	Δ ftsZ3 (#61)	Martin et al. (2009)	19946616
40141	Δ ftsZ3 (#114)	Martin et al. (2009)	19946616
40142	Δ ftsZ2-1	Martin et al. (2009)	19946616
40143	Δ ftsZ2-2 (#34)	Martin et al. (2009)	19946616
40144	Δ ftsZ2-2 (#97)	Martin et al. (2009)	19946616
40145	Δ ftsZ2-2 (#101)	Martin et al. (2009)	19946616
40146	Δ ftsZ2-2 (#103)	Martin et al. (2009)	19946616
40147	Δ ftsZ2-2 (#134)	Martin et al. (2009)	19946616
40148	Δ ftsZ2-1/2-2 (#8)	Martin et al. (2009)	19946616
40149	Δ ftsZ2-1/2-2 (#23)	Martin et al. (2009)	19946616
40466	Ubi-Aeq	Saidi et al. (2009)	19773386
40467	HSP-Gus	Saidi et al. (2009)	19773386
40265	AtFIE1	Mosquna et al. (2009)	19542356
40266	AtFIE2	Mosquna et al. (2009)	19542356
40267	AtFIE6	Mosquna et al. (2009)	19542356
40319	FIE-KO-6	Mosquna et al. (2009)	19542356
40320	PpFIE-GUS 1	Mosquna et al. (2009)	19542356
40321	PpFIE-GUS 8	Mosquna et al. (2009)	19542356
40322	PpFIE-GUS 41	Mosquna et al. (2009)	19542356
40323	Δ PpFIE 8 (FIE-KO 8)	Mosquna et al. (2009)	19542356
40324	At-FIE 1	Mosquna et al. (2009)	19542356
40856	PpABI1A	Komatsu et al. (2009)	19266168
40104	PCA1-KO-27	Qudeimat et al. (2008)	19050080
40105	PCA1-KO-125	Qudeimat et al. (2008)	19050080
40206	GH3-1/A31	Ludwig-Müller et al. (2009)	19032442
40207	GH3-1/B34	Ludwig-Müller et al. (2009)	19032442
40208	GH3-2/22	Ludwig-Müller et al. (2009)	19032442



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40209	GH3-doKO-A96	Ludwig-Müller et al. (2009)	19032442
40210	GH3-doKO-A129	Ludwig-Müller et al. (2009)	19032442
40211	GH3-doKO-B2	Ludwig-Müller et al. (2009)	19032442
40212	GH3-doKO-B12	Ludwig-Müller et al. (2009)	19032442
40189	PpGNT1-amiRNA 1	Khraiwesh et al. (2008)	18753280
40190	PpGNT1-amiRNA 2	Khraiwesh et al. (2008)	18753280
40192	PpFtsZ2-1-amiRNA 1	Khraiwesh et al. (2008)	18753280
40193	PpFtsZ2-1-amiRNA 2	Khraiwesh et al. (2008)	18753280
40194	PpFtsZ2-1-amiRNA 3	Khraiwesh et al. (2008)	18753280
40121	APR-B-8	Wiedemann et al. (2007)	17786562
40122	APR-B-12	Wiedemann et al. (2007)	17786562
40123	APR-B-27	Wiedemann et al. (2007)	17786562
40124	APR-B-33	Wiedemann et al. (2007)	17786562
40125	APR-B-34	Wiedemann et al. (2007)	17786562
40126	APR-B-37	Wiedemann et al. (2007)	17786562
40127	APR-B-39	Wiedemann et al. (2007)	17786562
40557	APR-B-43	Wiedemann et al. (2007)	17786562
40110	TSPO1_KO 1	Frank et al. (2007)	17651369
40111	TSPO1_KO 2	Frank et al. (2007)	17651369
40456	GNTI-1	Koprivova et al. (2003)	17147624
40457	GNTI-4	Koprivova et al. (2003)	17147624
40458	GNTI-5	Koprivova et al. (2003)	17147624
40283	G1-GUS	Bierfreund et al. (2003)	12789498
40118	APR 11-3-12	Koprivova et al. (2002)	12070175
40119	APR 12-4-3	Koprivova et al. (2002)	12070175
40120	APR 12-7-7	Koprivova et al. (2002)	12070175