



Rice Mutant Library

Introduction

Rice is a leading cereal crop and the main staple food for over half of the world population. Rice has also become a model system of monocotyledon plants for genomic studies because of its relatively small genome, mature transformation technique, and completion of genomic sequencing. CRISPR/Cas9 Platform^{CB} at Creative Biogene is a state-of-the-art platform specializing in plant genome editing and crop breeding. Our team of professional scientists, who use CRISPR for gene editing, could help you from the design of CRISPR sgRNA constructs, rice transformation, and resistance lines screening, to Sanger sequencing-based mutant lines validation. We have established a rice knockout mutant library covering approximately 3000 functional genes/transcription factors using CRISPR/Cas9 technology.

Advantages

- ✓ **Comprehensive mutant library: > 3000 rice mutant lines available**
- ✓ **Pre-made and time-saving**
- ✓ **Scarless genome editing**
- ✓ **Complete loss of function of the target gene (Homozygous mutant lines)**
- ✓ **Target region validated by sequencing**
- ✓ **Affordable price**

Hot-selling Rice Mutant Lines

Cat#	Product Name	Gene Symbol	Background
CCRM-0258	Rice LOC_Os11g11790 knockout line	Pia, RGA4, Os11gRGA4	Japonica Rice
CCRM-0475	Rice LOC_Os09g15840 knockout line	Pi5, Pi5-1	Japonica Rice
CCRM-0215	Rice LOC_Os11g42010 knockout line	Pik-h, Pi54, Pi54rh	Japonica Rice
CCRM-0257	Rice LOC_Os11g11810 knockout line	Pi5, PiCO39, RGA5, Os11gRGA5	Japonica Rice
CCRM-0474	Rice LOC_Os09g16000 knockout line	Pi56(t), qBR9.1	Japonica Rice
CCRM-0599	Rice LOC_Os08g05440 knockout line	Pi36	Japonica Rice
CCRM-0872	Rice LOC_Os06g29810 knockout line	Pi-d2, Pid2	Japonica Rice
CCRM-0879	Rice LOC_Os06g22460 knockout line	Pi-d3	Japonica Rice
CCRM-0886	Rice LOC_Os06g17900 knockout line	Pi9, Pi2/Piz-5, Pi50, Piz, Pi	Japonica Rice
CCRM-1297	Rice LOC_Os04g32850 knockout line	pi21	Japonica Rice
CCRM-1176	Rice LOC_Os04g53120 knockout line	Xa-1	Japonica Rice
CCRM-0159	Rice LOC_Os12g29220 knockout line	xa25, OsSWEET13	Japonica Rice
CCRM-0205	Rice LOC_Os11g47210 knockout line	Xa26, Xa3	Japonica Rice
CCRM-0223	Rice LOC_Os11g37620 knockout line	Xa23	Japonica Rice
CCRM-0228	Rice LOC_Os11g35500 knockout line	Xa21, Xa-21	Japonica Rice
CCRM-0851	Rice LOC_Os06g39810 knockout line	Xa27, Xa-min(t)	Japonica Rice

Cat#	Product Name	Gene Symbol	Background
CCRM-1132	Rice LOC_Os05g01710 knockout line	xa5, xa-5, TFIIAγ5, qBlSr5a	Japonica Rice
CCRM-0139	Rice LOC_Os12g37290 knockout line	BPH18	Japonica Rice
CCRM-0140	Rice LOC_Os12g37280 knockout line	Bph26, Bph2, BPH18	Japonica Rice
CCRM-0873	Rice LOC_Os06g29730 knockout line	Bphi008a	Japonica Rice
CCRM-0956	Rice LOC_Os06g03240 knockout line	Bph32	Japonica Rice
CCRM-0960	Rice LOC_Os06g01860 knockout line	BPH29	Japonica Rice
CCRM-1325	Rice LOC_Os04g12580 knockout line	OsLecRK3, Bph3	Japonica Rice
CCRM-1326	Rice LOC_Os04g12540 knockout line	OsLecRK1, Bph3	Japonica Rice
CCRM-1348	Rice LOC_Os03g63150 knockout line	Bph14, Qbp1	Japonica Rice
CCRM-1983	Rice LOC_Os01g66100 knockout line	sd1, OsGA20ox2, qSD1-2	Japonica Rice
CCRM-1066	Rice LOC_Os05g26890 knockout line	D1, RGA1, D89	Japonica Rice
CCRM-2191	Rice LOC_Os01g10040 knockout line	D2, CYP90D2, smg11	Japonica Rice
CCRM-0772	Rice LOC_Os07g03770 knockout line	d6, OSH15, Oskn3	Japonica Rice
CCRM-2050	Rice LOC_Os01g54270 knockout line	D10, OsCCD8	Japonica Rice
CCRM-1601	Rice LOC_Os03g10620 knockout line	d-14, HTD2, D88, D14	Japonica Rice
CCRM-2206	Rice LOC_Os01g08220 knockout line	d18, OsGA3ox2	Japonica Rice
CCRM-0862	Rice LOC_Os06g37364 knockout line	d35, OsKO2, OskOL2, OskOS3	Japonica Rice
CCRM-2060	Rice LOC_Os01g52050 knockout line	d61, OsBRI1	Japonica Rice
CCRM-1187	Rice LOC_Os04g52164 knockout line	OsCER2	Japonica Rice
CCRM-1045	Rice LOC_Os05g33730 knockout line	GID1	Japonica Rice
CCRM-1226	Rice LOC_Os04g46470 knockout line	OsCCD7, htd1, sd-t, dit1	Japonica Rice
CCRM-0503	Rice LOC_Os08g44510 knockout line	OsSPY	Japonica Rice
CCRM-1582	Rice LOC_Os03g12660 knockout line	OsDWARF4, CYP90B2	Japonica Rice
CCRM-0522	Rice LOC_Os08g39890 knockout line	OsSPL14, IPA1, WFP	Japonica Rice
CCRM-0728	Rice LOC_Os07g15770 knockout line	Ghd7	Japonica Rice
CCRM-2190	Rice LOC_Os01g10110 knockout line	Gn1a, OsCKX2	Japonica Rice
CCRM-1861	Rice LOC_Os02g14720 knockout line	GW2	Japonica Rice
CCRM-1292	Rice LOC_Os04g33740 knockout line	GIF1, OsCIN2	Japonica Rice
CCRM-0763	Rice LOC_Os07g05900 knockout line	PROG1	Japonica Rice
CCRM-0943	Rice LOC_Os06g04200 knockout line	wx, qGC-6, Wx-mq, Wx-op	Japonica Rice



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