S1 Table

Strain	Genotype (juIs76 background)	Regeneration	Total	% of regeneration	P value
KU501	wild type	52	71	73	-
KU1224	ddr-1(ok874)	31	55	56	0.059[a]
KU1201	ddr-2(ok574)	28	75	37	<0.001[a]
KU1228	ddr-1(ok874) ddr-2(ok574)	14	67	21	0.042[b]
KU1227	ddr-2(ok574); Ex[Punc-25::ddr-1]	21	54	39	0.856[b]
KU1202	ddr-2(ok574); Ex[Pddr-2::ddr-2]	36	61	59	0.016[b]
KU1203	ddr-2(ok574); Ex[Punc-25::ddr-2]	30	53	57	0.047[b]
KU1205	ddr-2(ok574); Ex[Punc-25::ddr-2(R100A)]	19	51	37	1[b]
KU1209	ddr-2(ok574); Ex[Punc25::ddr-2(K554E)]	21	52	40	0.853[b]
KU1206	emb-9(g34)	26	62	42	<0.001[a]
KU1207	emb-9(g34); ddr-2(ok574)	19	52	37	0.571[c]
KU1208	emb-9(g34); Ex[Punc-25::ddr-2]	33	54	61	0.043[c]
KU1233	cle-1(cg120)	39	61	64	0.264[a]
KU1234	fmi-1(rh308)	38	52	73	1[a]
KU1235	nid-1(cg119)	42	59	71	0.845[a]
KU1229	ddr-2(ok574); Ex[Punc-25::ddr-2::gfp]	40	58	69	<0.001[b]
KU504	mlk-1(km19)	17	54	31	<0.001[a]
KU1210	mlk-1(km19); ddr-2(ok574)	18	54	33	1[d]
KU1211	ddr-2(ok574); Ex[Pmlk-1::mlk-1]	35	52	67	0.001[b]
KU1212	mlk-1(km19); Ex[Punc-25::ddr-2]	26	62	42	0.256[d]
KU502	svh-1(ok2531)	10[k]	41[k]	24[k]	-
KU1232	svh-1(ok2531); ddr-2(ok574)	19	50	38	1[b]
KU503	svh-2(tm737)	22	78	28	<0.001[a]
KU1213	ddr-2(ok574) svh-2(tm737)	19	63	30	0.471[b]
KU1231	ddr-2(ok574); Ex[Pjkk-1::svh-1]	36	65	55	0.041[b]
KU1214	ddr-2(ok574); Ex[Punc-25::svh-2]	36	66	55	0.044[b]
KU1230	svh-1(ok2531); Ex[Punc-25::ddr-2]	22	61	36	0.278[f]
KU1215	svh-2(tm737); Ex[Punc-25::ddr-2]	23	60	38	0.272[e]
KU1217	ddr-2(ok574); Ex[Pshc-1::shc-1]	33	53	62	0.007[b]
KU1219	svh-2(tm737); Ex[Pshc-1::shc-1]	15	51	29	1[e]
KU1218	ddr-2(ok574); Ex[Pshc-1::shc-1(R234K)]	20	50	40	0.852[b]
KU1220	ddr-2(ok574); Ex[Pshc-1::shc-1(R136K)]	38	53	72	<0.001[b]
KU501*	wild type (24 hr after cutting)	43	60	72	-
KU501**	wild type (72 hr after cutting)	46	63	73	1[g]

KU1226*	*ddr-2(tm797)* (24 hr after cutting)	20	69	29	<0.001[a]
KU1226**	*ddr-2(tm797)* (72 hr after cutting)	31	54	57	0.002[h]
KU1206*	*emb-9(g34)* (24 hr after cutting)	19	51	37	-
KU1206**	*emb-9(g34)* (72 hr after cutting)	44	59	75	<0.001[i]
KU503*	*svh-2(tm737)* (24 hr after cutting)	18	51	35	-
KU503**	*svh-2(tm737)* (72 hr after cutting)	25	51	49	0.22[j]

a: vs wild type (KU501), b: vs *ddr-2* (KU1201), c: vs *emb-9* (KU1206), d: vs *mlk-1* (KU504),

e: vs *svh-2* (KU503), f: vs *svh-1* (KU502), g: vs wild type (KU501*), h: vs *ddr-2* (KU1226*),

i: vs *emb-9* (KU1206*), j: vs *svh-2* (KU503*), k: data from Ref. [7]