

Table 3. Transformation assays on RNAi lines

ABRC stock no.	Univ. of Arizona stock no.	Gene symbol	Tumorigenesis* (A208) mutant/wild-type	No. of root segments assayed: tumors	Transient GUS activity* (At849) mutant/wild-type	No. of root segments assayed: GUS	Ppt or Kan-resistance* (At872 or 849) mutant/wild-type	No. of root segments assayed: Ppt ^r /Kan ^r	Resistance of the line [†]
	T-FGC994A	<i>BRD12</i>	72.3/Ws: 72.3	277	69.6/Ws: 71.8	342	64.6/Ws: 70.6	268	PPT
	T-FGC994B	<i>BRD12</i>	66.8/Ws: 72.3	235	69.8/Ws: 71.8	338	65.7/Ws: 70.6	236	PPT
	T-FGC994C	<i>BRD12</i>	53.5/Ws: 72.3	256	27.9/Ws: 71.8	272	56.4/Ws: 70.6	165	PPT
	T-FGC994Dm	<i>BRD12</i>	59.1/Ws: 72.3	198	54.0/Ws: 71.8	228	69.1/Ws: 70.6	223	PPT
	T-FGC994E	<i>BRD12</i>	58.0/Ws: 72.3	143	41.3/Ws: 71.8	259	61.9/Ws: 70.6	218	PPT
CS23958	T-FGC878A	<i>BRD8</i>	68.5/Ws: 51.7	445	79.2/Ws: 67.1	284	80.8/Ws: 84.6	463	PPT
CS30831	TFGC197A	<i>CHB3</i>	69.1/Ws: 69.4	246	30.2/Ws: 75.1	320	37.7/Ws: 67.6	258	HPT
CS30832	TFGC197B	<i>CHB3</i>	60.2/Ws: 69.4	231	762/Ws: 75.1	210	43.2/Ws: 67.6	250	HPT
CS30981	T-FGC851B	<i>CHB4</i>	81.5/Ws: 73.1	351	87.2/Ws: 64.2	501	88.8/Ws: 85.2	428	PPT
CS30980	T-FGC851A	<i>CHB4</i>	79.3/Ws: 73.1	328	74.6/Ws: 64.2	343	87.9/Ws: 85.2	323	PPT
CS32959	T-FGC851Dm	<i>CHB4</i>	77.1/Ws: 51.7	367	93.0/Ws: 67.1	271	84.0/Ws: 84.6	461	PPT
CS23960	T-FGC851C	<i>CHB4</i>	57.7/Ws: 51.7	376	68.3/Ws: 67.1	303	76.7/Ws: 84.6	378	PPT
CS30982	T-FGC663A	<i>CHC1</i>	17.8/Ws: 73.1	118	31.7/Ws: 65.9	227	22.2/Ws: 85.2	144	PPT
CS23961	T-FGC663B	<i>CHC1</i>	11.0/Ws: 51.7	82	16.1/Ws: 67.1	56	10.7/Ws: 84.6	56	PPT
CS30833	TFGC105A	<i>CHE1</i>	41.7/Ws: 69.4	199	63.2/Ws: 75.1	163	34.2/Ws: 67.6	159	HPT
CS30834	TFGC105B	<i>CHE1</i>	58.7/Ws: 69.4	271	68.8/Ws: 75.1	186	66.0/Ws: 67.6	256	HPT
CS30835	TFGC105C	<i>CHE1</i>	52.9/Ws: 69.4	206	77.1/Ws: 75.1	214	40.0/Ws: 67.6	230	HPT
CS30836	TFGC105D	<i>CHE1</i>	47.6/Ws: 69.4	189	60.2/Ws: 75.1	201	43.4/Ws: 67.6	166	HPT
CS30937	TFGC163A	<i>CHR1</i>	63.6/Ws: 77.3	404	70.5/Ws: 88.6	566	74.4/Ws: 78.3	541	HPT
CS30938	TFGC163B	<i>CHR1</i>	28.4/Ws: 65.1	201	56.3/Ws: 62.0	359	25.7/Ws: 57.8	183	HPT
CS30939	TFGC163C	<i>CHR1</i>	43.0/Ws: 87.3	399	60.5/Ws: 88.6	509	48.9/Ws: 81.0	375	HPT
CS30940	TFGC163D	<i>CHR1</i>	33.6/Ws: 41.1	274	50.4/Ws: 45.4	236	34.9/Ws: 42.9	209	HPT
CS30968	T-FGC694Em	<i>CHR10</i>	51.7/Ws: 73.1	364	49.0/Ws: 64.2	390	70.8 /Ws: 85.2	356	PPT
CS30969	T-FGC694A	<i>CHR10</i>	75.0/Ws: 73.1	296	73.0/Ws: 64.2	355	79.4/Ws: 85.2	349	PPT
CS23962	T-FGC694B	<i>CHR10</i>	79.1/Ws: 51.7	369	64.8/Ws: 67.1	386	82.9/Ws: 84.6	293	PPT
CS23963	T-FGC694C	<i>CHR10</i>	71.3/Ws: 60.6	369	86.1/Ws: 67.6	281	69.4/Ws: 73.4	409	PPT
CS23964	T-FGC694D	<i>CHR10</i>	73.7/Ws: 60.6	392	84.1/Ws: 67.6	339	80.3/Ws: 73.4	426	PPT
	T-FGC649F	<i>CHR11</i>	32.0/Ws: 67.5	500	44.1/Ws: 68.4	696	71.2/Ws: 82.7	619	PPT
CS30972	T-FGC649C	<i>CHR11</i>	67.6/Ws: 70.2	447	49.9/Ws: 59.3	347	89.7/Ws: 91.7	458	PPT
CS30973	T-FGC649D	<i>CHR11</i>	54.9/Ws: 70.2	450	45.1/Ws: 59.3	324	94.5/Ws: 91.7	346	PPT
CS30974	T-FGC649E	<i>CHR11</i>	57.5/Ws: 70.2	395	63.8/Ws: 59.3	491	95.6/Ws: 91.7	337	PPT
CS30970	T-FGC649A	<i>CHR11</i>	46.1/Ws: 70.2	484	51.8/Ws: 59.3	427	91.6/Ws: 91.7	345	PPT
CS30971	T-FGC649B	<i>CHR11</i>	42.3/Ws: 70.2	326	60.3/Ws: 59.3	390	89.6/Ws: 91.7	221	PPT
CS30975	T-FGC629A	<i>CHR14</i>	65.2/Ws: 70.2	448	68.0/Ws: 59.3	344	92.0/Ws: 91.7	463	PPT
CS30976	T-FGC629B	<i>CHR14</i>	72.6/Ws: 70.2	412	64.4/Ws: 59.3	509	92.6/Ws: 91.7	390	PPT

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CS30977	T-FGC629C	<i>CHR14</i>	45.3/Ws: 70.2	256	68.3/Ws: 59.3	378	85.9/Ws: 91.7	320	PPT
CS30978	T-FGC706A	<i>CHR15</i>	73.4/Ws: 83.5	395	85.0/Ws: 91.2	560	62.6/Ws: 82.3	370	PPT
	T-FGC706B	<i>CHR15</i>	40.5/Ws: 72.3	294	53.4/Ws: 71.8	253	62.4/Ws: 70.6	205	PPT
	T-FGC706C	<i>CHR15</i>	46.2/Ws: 72.3	197	43.2/Ws: 71.8	266	62.9/Ws: 70.6	210	PPT
CS30840	TFGC692A	<i>CHR16</i>	45.5/Ws: 64.3	220	46.7/Ws: 83.7	439	58.0/Ws: 74.9	404	PPT
CS30841	TFGC692B	<i>CHR16</i>	50.9/Ws: 64.3	322	45.2/Ws: 83.7	374	74.0/Ws: 74.9	354	PPT
CS30965	T-FGC692Cm	<i>CHR16</i>	80.0/Ws: 83.5	399	89.4/Ws: 91.2	291	69.0/Ws: 82.3	281	PPT
CS23966	T-FGC692D	<i>CHR16</i>	57.7/Ws: 51.7	307	58.5/Ws: 67.1	318	71.0/Ws: 84.6	238	PPT
CS30896	TFGC762A	<i>CHR18</i>	53.0/Ws: 72.2	602	28.3/Ws: 67.4	385	69.4/Ws: 69.6	490	PPT
CS30897	TFGC762B	<i>CHR18</i>	64.4/Ws: 83.4	303	17.2/Ws: 23.5	377	45.1/Ws: 58.3	401	PPT
CS30898	TFGC762C	<i>CHR18</i>	35.9/Ws: 83.4	234	20.1/Ws: 23.5	259	64.3/Ws: 58.3	297	PPT
CS30899	TFGC762D	<i>CHR18</i>	57.0/Ws: 59.4	393	70.6/Ws: 67.4	411	92.0/Ws: 85.6	437	PPT
CS30968	T-FGC762Em	<i>CHR18</i>	69.3/Ws: 83.5	388	71.0/Ws: 91.2	414	70.7/Ws: 82.3	290	PPT
CS30969	T-FGC762Fm	<i>CHR18</i>	75.0/Ws: 83.5	344	62.6/Ws: 91.2	476	72.0/Ws: 82.3	378	PPT
CS30967	T-FGC762G	<i>CHR18</i>	78.6/Ws: 83.5	429	72.3/Ws: 91.2	451	68.9/Ws: 82.3	488	PPT
CS30931	TFGC763A	<i>CHR19</i>	66.5/Ws: 50.8	212			74.2/Ws: 69.4	294	PPT
CS30932	TFGC763B	<i>CHR19</i>	42.6/Ws: 50.8	282	88.0/Ws: 55.1	175	70.9/Ws: 69.4	350	PPT
CS30933	TFGC763C	<i>CHR19</i>	46.1/Ws: 81.9	303	58.5/Ws: 66.1	347	80.0/Ws: 87.4	841	PPT
CS30934	TFGC763D	<i>CHR19</i>	45.2/Ws: 50.8	330	78.1/Ws: 55.1	301	63.4/Ws: 69.4	243	PPT
CS30935	TFGC763E	<i>CHR19</i>	48.0/Ws: 50.4	367			41.69/Ws: 49.2	415	PPT
CS30936	TFGC763F	<i>CHR19</i>	60.7/Ws: 59.4	272	65.2/Ws: 67.4	204	92.9/Ws: 85.6	309	PPT
CS24016	T-FGC763G	<i>CHR19</i>	56.7/Ws: 56.0	330	73.4/Ws: 66.8	402	74.2/Ws: 76.5	383	PPT
CS24017	T-FGC763H	<i>CHR19</i>	55.8/Ws: 56.0	493	76.7/Ws: 66.8	421	73.1/Ws: 76.5	421	PPT
CS30900	TFGC140A	<i>CHR2</i>	59.1/Ws: 63.6	164			56.6/Ws: 99.2	226	HPT
CS30901	TFGC140B	<i>CHR2</i>	36.8/Ws: 63.6	397			39.0/Ws: 99.2	371	HPT
CS30902	TFGC140C	<i>CHR2</i>	56.7/Ws: 63.6	208	30.0/Ws: 25.2	144	43.9/Ws: 99.2	126	HPT
	T-FGC764C	<i>CHR20</i>	76.6/Ws: 83.5	398	88.5/Ws: 91.2	566	72.3/Ws: 82.3	430	PPT
	T-FGC764C	<i>CHR20</i>	74.9/Ws: 83.5	371	78.7/Ws: 91.2	384	71.3/Ws: 82.3	334	PPT
	T-FGC764B	<i>CHR20</i>	73.5/Ws: 83.5	419	61.5/Ws: 91.2	524	69.0/Ws: 82.3	390	PPT
CS24018	T-FGC765A	<i>CHR21</i>	62.9/Ws: 56.0	415	66.3/Ws: 66.8	406	82.9/Ws: 76.5	403	PPT
CS24019	T-FGC765B	<i>CHR21</i>	48.8/Ws: 56.0	377	59.4/Ws: 66.8	389	72.9/Ws: 76.5	369	PPT
CS24031	T-FGC778Bm	<i>CHR22</i>	59.9/Ws: 69.4	384	43.0/Ws: 66.6	456	82.0/Ws: 75.5	334	PPT
	T-FGC778D	<i>CHR22</i>	66.1/Ws: 69.4	304	52.4/Ws: 66.6	361	81.9/Ws: 75.5	359	PPT
CS30979	T-FGC778A	<i>CHR22</i>	49.1/Ws: 69.4	324	60.6/Ws: 66.6	411	72.6/Ws: 75.5	303	PPT
CS24032	T-FGC778C	<i>CHR22</i>	62.7/Ws: 69.4	303	46.7/Ws: 66.6	315	81.0/Ws: 75.5	385	PPT
CS30837	TFGC107A	<i>CHR4</i>	68.5/Ws: 69.4	257	67.5/Ws: 75.1	228	43.8/Ws: 67.6	274	HPT

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CS30838	TFGC107B	<i>CHR4</i>	48.1/Ws: 69.4	183	64.5/Ws: 75.1	242	50.0/Ws: 67.6	258	HPT
CS30839	TFGC107C	<i>CHR4</i>	44.3/Ws: 73.0	375	66.2/Ws: 72.7	500	68.7/Ws: 62.2	372	HPT
CS30966	T-FGC856Am	<i>CHR5</i>	59.8/Ws: 73.1	244	52.0/Ws: 64.2	248	83.3/Ws: 85.2	234	PPT
	T-FGC856B	<i>CHR5</i>	41.0/Ws: 72.3	222	33.1/Ws: 71.8	245	56.7/Ws: 70.6	180	PPT
	T-FGC856C	<i>CHR5</i>	49.8/Ws: 72.3	237	53.9/Ws: 71.8	230	67.5/Ws: 70.6	280	PPT
CS3966	TFGC231A	<i>CHR6</i>	37.0/Ws:70.8						HPT
CS3967	TFGC231B	<i>CHR6</i>	59.7/Ws:70.8						HPT
CS3968	TFGC231C	<i>CHR6</i>	36.9/Ws:70.8						HPT
CS30967	T-FGC118A	<i>CHR9</i>	72.5/Ws: 81.2	389	82.3/Ws: 84.8	440	58.3/Ws: 65.5	405	HPT
	T-FGD105A	<i>CRD1</i>	50.2/Ws: 69.6	299	55.2/Ws: 79.0	58	82.1/Ws: 81.4	221	HYG
	T-FGD105B	<i>CRD1</i>	51.7/Ws: 69.6	234	55.2/Ws: 79.0	344	85.0/Ws: 81.4	246	HYG
CS30941	TFGC131A	<i>DMT1</i>	44.5/Ws: 41.1	229	47.8/Ws: 45.4	410	52.2/Ws:42.9	312	HPT
CS30942	TFGC131B	<i>DMT1</i>	54.8/Ws: 41.1	272	70.8/Ws: 45.4	284	41.8/Ws:42.9	316	HPT
CS30943	TFGC131C	<i>DMT1</i>	73.1/Ws: 65.1	346	67.7/Ws: 62.0	344	62.8/Ws:57.8	364	HPT
CS30944	TFGC131D	<i>DMT1</i>	16.4/Ws: 58.1	197	47.8/Ws: 66.1	133	23.5/Ws:68.9	119	HPT
CS30945	TFGC131E	<i>DMT1</i>	45.4/Ws: 65.1	313	61.9/Ws: 62.0	367	72.4/Ws:57.8	313	HPT
CS30946	TFGC131F	<i>DMT1</i>	19.4/Ws: 58.1	402	61.6/Ws: 66.1	219	55.1/Ws:68.9	361	HPT
CS30884	TFGC185A	<i>DMT2</i>	53.7/Ws: 71.3	287	36.1/Ws: 75.1	380	63.3/Ws:68.2	338	HPT
CS30885	TFGC185B	<i>DMT2</i>	32.4/Ws: 73.2	454	30.6/Ws: 55.1	577	44.2/Ws: 69.4	273	HPT
CS30886	TFGC185C	<i>DMT2</i>	34.4/Ws: 67.9	495	47.2/Ws: 66.5	311	59.1/Ws:68.2	259	HPT
	T-FGC946B	<i>DMT4</i>	43.9/Ws: 60.1	305	43.3/Ws: 65.1	238	53.3/Ws: 58.1	334	PPT
	T-FGC946Cm	<i>DMT4</i>	65.5/Ws: 60.1	301	38.7/Ws: 65.1	302	60.6/Ws: 58.1	436	PPT
	T-FGC946D	<i>DMT4</i>	29.9/Ws: 60.1	321	36.9/Ws: 65.1	255	58.0/Ws: 58.1	295	PPT
CS23970	T-FGC946A	<i>DMT4</i>	53.4/Ws: 60.4	191	73.6/Ws: 76.0	330	61.6/Ws: 78.2	219	PPT
CS30842	TFGC438A	<i>DMT5</i>	61.8/Ws: 73.0	390	62.3/Ws: 72.7	488	54.2/Ws: 62.2	410	HPT
CS30843	TFGC438B	<i>DMT5</i>	65.8/Ws: 73.0	319	75.9/Ws: 72.7	332	50.9/Ws: 62.2	342	HPT
CS30844	TFGC438C	<i>DMT5</i>	61.8/Ws: 73.0	259	63.3/Ws: 72.7	428	61.7/Ws: 62.2	436	HPT
	T-FGC844Bm	<i>DMT6</i>	40.2/Ws: 72.3	194	39.3/Ws: 71.8	316	68.3/Ws: 70.6	186	PPT
CS30971	T-FGC857B	<i>DMT7</i>	57.8/Ws: 69.4	355	52.4/Ws: 66.6	332	79.4/Ws: 75.5	296	PPT
CS30972	T-FGC857Cm	<i>DMT7</i>	81.3/Ws: 69.4	400	49.6/Ws: 66.6	502	79.7/Ws: 75.5	370	PPT
CS30973	T-FGC857A	<i>DMT7</i>	85.3/Ws: 74.2	354	85.0/Ws: 82.8	499	72.6/Ws: 78.1	376	PPT
CS30845	TFGC621A	<i>GTA2</i>	45.5/Ws: 64.3	292	43.1/Ws: 83.7	390	80.5/Ws: 74.9	392	PPT
CS30846	TFGC621B	<i>GTA2</i>	68.5/Ws: 64.3	372	43.2/Ws: 83.7	555	79.1/Ws: 74.9	387	PPT
CS30847	TFGC621C	<i>GTA2</i>	44.0/Ws: 64.3	209	62.7/Ws: 83.7	257	88.3/Ws: 74.9	240	PPT
CS30848	TFGC621D	<i>GTA2</i>	51.3/Ws: 64.3	357	50.1/Ws: 83.7	383	83.2/Ws: 74.9	463	PPT
CS30849	TFGC621E	<i>GTA2</i>	58.3/Ws: 64.3	338	62.6/Ws: 83.7	353	89.2/Ws: 74.9	417	PPT

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	T-FGC885A	<i>GTC1</i>	81.6/Ws: 74.2	402	56.0/Ws: 82.8	477	77.9/Ws: 78.1	403	PPT
	T-FGC885B	<i>GTC1</i>	80.2/Ws: 74.2	373	81.3/Ws: 82.8	331	72.5/Ws: 78.1	375	PPT
	T-FGC885C	<i>GTC1</i>	80.9/Ws: 74.2	451	82.4/Ws: 82.8	471	77.9/Ws: 78.1	384	PPT
CS30850	T-FGC699A	<i>GTE1</i>	53.5/Ws: 64.3	314	51.9/Ws: 83.7	337	69.6/Ws: 74.9	312	PPT
CS30851	T-FGC699B	<i>GTE1</i>	57.7/Ws: 59.4	220	64.4/Ws: 67.4	320	73.3/Ws: 85.6	212	PPT
CS30852	T-FGC699C	<i>GTE1</i>	53.0/Ws: 59.4	351	43.8/Ws: 67.4	411	80.9/Ws: 85.6	346	PPT
CS30853	T-FGC699D	<i>GTE1</i>	64.6/Ws: 59.4	367	64.5/Ws: 67.4	380	52.1/Ws: 85.6	217	PPT
CS23973	TFGC698Am	<i>GTE2</i>	23.1/Ws: 60.4	282	74.3/Ws: 76.0	335	39.1/Ws: 78.2	253	PPT
CS23974	T-FGC698B	<i>GTE2</i>	51.2/Ws: 60.4	289	85.4/Ws: 76.0	287	44.3/Ws: 78.2	253	PPT
CS30984	T-FGC700Am	<i>GTE3</i>	86.9/Ws: 74.2	350	78.6/Ws: 82.8	289	79.7/Ws: 78.1	379	PPT
CS23975	T-FGC700Bm	<i>GTE3</i>	44.5/Ws: 60.4	227	45.6/Ws: 76.0	327	70.2/Ws: 78.2	248	PPT
	T-FGC708B	<i>GTE4</i>	39.7/Ws: 60.1	287	11.6/Ws: 65.1	242	39.5/Ws: 58.1	324	PPT
	T-FGC708C	<i>GTE4</i>	57.1/Ws: 60.1	268	37.8/Ws: 65.1	275	60.9/Ws: 58.1	366	PPT
	T-FGC708D	<i>GTE4</i>	21.8/Ws: 72.3	165	36.9/Ws: 71.8	309	35.4/Ws: 70.6	181	PPT
	T-FGC708A	<i>GTE4</i>	62.2/Ws: 60.1	325	60.5/Ws: 65.1	367	65.4/Ws: 58.1	428	PPT
CS24034	T-FGC702B	<i>GTE5</i>	42.1/Ws: 74.2	264	73.2/Ws: 82.8	250	57.9/Ws: 78.1	221	PPT
CS24033	T-FGC702A	<i>GTE5</i>	71.0/Ws: 74.2	397	85.0/Ws: 82.8	479	78.4/Ws: 78.1	343	PPT
CS24035	T-FGC702C	<i>GTE5</i>	75.6/Ws: 83.3	327	75.7/Ws: 76.9	280	58.3/Ws: 65.5	405	PPT
	T-FGC702D	<i>GTE5</i>	78.0/Ws: 83.3	386	88.0/Ws: 76.9	368	80.1/Ws: 65.5	322	PPT
CS30985	T-FGC959A	<i>GTE6</i>	89.7/Ws: 83.3	370	80.3/Ws: 76.9	375	68.7/Ws: 65.5	233	PPT
CS30986	T-FGC959B	<i>GTE6</i>	81.5/Ws: 83.3	340	84.7/Ws: 76.9	320	75.8/Ws: 65.5	227	PPT
	9594.1F2	<i>GTE6</i>	75.6/Ws: 83.3	336	85.0/Ws: 76.9	366	85.7/Ws: 65.5	252	PPT
CS30986	T-FGC959B	<i>GTE6</i>	81.6/Ws: 83.3	337	84.2/Ws: 76.9	361	63.2/Ws: 65.5	334	PPT
CS23976	T-FGC992A	<i>GTE7</i>	31.9/Ws: 60.4	210	73.9/Ws: 76.0	352	63.8/Ws: 78.2	232	PPT
	T-FGC992D	<i>GTE7</i>	33.6/Ws: 60.4	262	90.6/Ws: 76.0	374	30.0/Ws: 78.2	237	PPT
CS23978	TFGC992Cm	<i>GTE7</i>	18.4/Ws: 60.4	114	33.3/Ws: 76.0	228	42.5/Ws: 78.2	247	PPT
CS23977	T-FGC992B	<i>GTE7</i>	33.6/Ws: 60.4	262	71.4/Ws: 76.0	342	40.7/Ws: 78.2	268	PPT
CS30906	TFGC439D	<i>HAC1</i>	19.0/Ws: 83.4	284	54.0/Ws: 88.6	427	28.9/Ws: 58.3	273	HPT
CS30903	T-FGC439A	<i>HAC1</i>	58.8/Ws: 69.6	466	64.4/Ws: 79.0	371	80.8/Ws: 81.4	411	HYG
CS30904	T-FGC439B	<i>HAC1</i>	45.5/Ws: 69.6	253	60.6/Ws: 79.0	246	72.7/Ws: 81.4	227	HYG
CS30854	TFGC187A	<i>HAC2</i>	72.2/Ws: 73.0	363	74.3/Ws: 72.7	288	55.2/Ws: 62.2	355	HPT
CS30855	TFGC187B	<i>HAC2</i>	53.3/Ws: 73.0	227	58.5/Ws: 72.7	188	33.8/Ws: 62.2	210	HPT
CS30856	TFGC627A	<i>HAC4</i>	58.1/Ws: 81.4	346	64.4/Ws: 80.4	292	88.8/Ws: 90.4	311	PPT
CS30857	TFGC627B	<i>HAC4</i>	52.0/Ws: 81.4	246	81.4/Ws: 80.4	226	70.7/Ws: 90.4	392	PPT
CS30987	T-FGC627C	<i>HAC4</i>	82.6/Ws: 83.3	321	78.0/Ws: 76.9	259	56.8/Ws: 65.5	315	PPT
CS30988	T-FGC627D	<i>HAC4</i>	80.7/Ws: 86.3	290	69.5/Ws: 75.8	371	74.3/Ws: 72.7	242	PPT

ABRC stock no.	Univ. of Arizona stock no.	Gene symbol	Tumorigenesis* (A208) mutant/wild-type	No. of root segments assayed: tumors	Transient GUS activity* (At849) mutant/wild-type	No. of root segments assayed: GUS	Ppt or Kan-resistance* (At872 or 849) mutant/wild-type	No. of root segments assayed: Ppt ^r /Kan ^r	Resistance of the line [†]
CS24020?	T-FGC638A	<i>HAC5</i>	64.0/Ws: 56.0	336	73.7/Ws: 66.8	353	73.7/Ws: 76.5	426	PPT
CS24021	T-FGC638B	<i>HAC5</i>	43.4/Ws: 56.0	256	77.8/Ws: 66.8	297	68.6/Ws: 76.5	242	PPT
CS24022	T-FGC638C	<i>HAC5</i>	70.0/Ws: 56.0	327	58.2/Ws: 66.8	323	75.6/Ws: 76.5	295	PPT
CS24023	T-FGC638D	<i>HAC5</i>	62.3/Ws: 60.6	302	74.0/Ws: 67.6	312	78.2/Ws: 73.4	418	PPT
CS24024	T-FGC638E	<i>HAC5</i>	76.6/Ws: 60.6	295	77.3/Ws: 67.6	335	72.9/Ws: 73.4	377	PPT
CS30866	TFGC638A	<i>HAF1</i>	20.6/Ws: 81.4	287	42.3/Ws: 80.4	291	50.4/Ws: 90.4	307	PPT
CS30867	TFGC638B	<i>HAF1</i>	25.6/Ws: 81.4	250	32.5/Ws: 80.4	191	49.8/Ws: 90.4	215	PPT
CS30868	TFGC638C	<i>HAF1</i>	24.4/Ws: 73.1	246	44.1/Ws: 66.6	242	67.9/Ws: 85.2	247	PPT
CS30869	TFGC638D	<i>HAF1</i>	19.3/Ws: 59.4	166	44.7/Ws: 67.4	150	48.2/Ws: 85.6	189	PPT
CS30870	TFGC638E	<i>HAF1</i>	34.0/Ws: 59.4	144	39.3/Ws: 67.4	150	68.1/Ws: 85.6	213	PPT
CS30927	TFGC635A	<i>HAG1</i>	33.3/Ws: 50.8	237			57.2/Ws:69.4	226	PPT
CS30928	TFGC635B	<i>HAG1</i>	81.8/Ws: 81.9	358	85.0/Ws: 66.4	293	85.5/Ws:87.4	325	PPT
CS30929	TFGC635C	<i>HAG1</i>	49.4/Ws: 58.1	330	62.6/Ws: 66.1	310	54.9/Ws:68.9	355	PPT
CS30930	TFGC635D	<i>HAG1</i>	62.2/Ws: 50.4	360			48.61/Ws:49.2	323	PPT
CS24025	T-FGC635E	<i>HAG1</i>	77.5/Ws: 60.6	311	66.7/Ws: 67.6	240	82.8/Ws: 73.4	346	PPT
CS30858	TFGC412A	<i>HAG2</i>	61.2/Ws: 73.0	322	58.1/Ws: 72.7	358	56.3/Ws: 62.2	279	HPT
CS30862	TFGC412E	<i>HAG2</i>	62.0/Ws: 73.0	347	60.1/Ws: 72.7	311	38.1/Ws: 62.2	323	HPT
CS30907	TFGC412B	<i>HAG2</i>	40.6/Ws: 65.1	303	57.8/Ws: 62.0	346	38.8/Ws:57.8	266	HPT
CS30908	TFGC412C	<i>HAG2</i>	41.5/Ws: 63.6	118			67.0/Ws: 99.2	253	HPT
CS30909	TFGC412D	<i>HAG2</i>	66.8/Ws: 63.6	241			56.3/Ws: 99.2	300	HPT
CS3981	TFGC156A	<i>HAG3</i>	1.60/Ws: 53.1	207	9.41/Ws: 79.0	179	61.0/Ws: 81.4	408	HPT
CS3982	TFGC156B	<i>HAG3</i>	3.90/Ws: 55.5	423	6.97/Ws: 79.0	201	59.1/Ws: 81.4	557	HPT
CS24026	T-FGC413A	<i>HAG4</i>	59.2/Ws: 69.6	299	62.8/Ws: 79.0	347	68.9/Ws: 81.4	373	HYG
CS30863	TFGC623A	<i>HAG5</i>	56.6/Ws: 81.4	274	72.1/Ws: 80.4	333	86.2/Ws: 90.4	390	PPT
CS30864	TFGC623B	<i>HAG5</i>	72.0/Ws: 81.4	379	71.5/Ws: 80.4	369	86.8/Ws: 90.4	364	PPT
CS30865	TFGC623C	<i>HAG5</i>	60.5/Ws: 81.4	385	69.4/Ws: 80.4	389	83.4/Ws: 90.4	374	PPT
CS30910	TFGC623D	<i>HAG5</i>	66.1/Ws: 77.9	248	55.3/Ws: 43.1	246	99.7/Ws: 55.7	287	PPT
	T-FGC703Am	<i>HDA14</i>	78.8/Ws: 86.3	345	79.2/Ws: 75.8	298	66.8/Ws: 72.7	268	PPT
	T-FGC703B	<i>HDA14</i>	88.8/Ws: 86.3	349	78.8/Ws: 75.8	372	71.0/Ws: 72.7	404	PPT
	T-FGC703C	<i>HDA14</i>	82.9/Ws: 86.3	351	73.5/Ws: 75.8	268	67.3/Ws: 72.7	342	PPT
	T-FGC703D	<i>HDA14</i>	79.4/Ws: 86.3	360	77.4/Ws: 75.8	469	69.8/Ws: 72.7	368	PPT
CS30922	TFGC632A	<i>HDA15</i>	22.6/Ws: 81.9	296	53.4/Ws: 66.1	219	85.5/Ws:87.4	328	PPT
CS30923	TFGC632B	<i>HDA15</i>	30.3/Ws: 81.9	439	60.8/Ws: 66.1	372	89.9/Ws:87.4	385	PPT
CS30924	TFGC632C	<i>HDA15</i>	36.4/Ws: 81.9	396	69.2/Ws: 66.4	292	90.4/Ws:87.4	396	PPT
CS30925	TFGC664A	<i>HDA19</i>	28.5/Ws: 81.9	438	63.2/Ws: 81.5	456	80.3/Ws:87.4	401	PPT
CS30926	TFGC664B	<i>HDA19</i>	39.1/Ws: 81.9	479	52.9/Ws: 66.4	240	68.8/Ws:87.4	237	PPT

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CS3977	TFGC427A	<i>HDA2</i>	13.2/Ws: 24.2						HPT
CS3988	TFGC427B	<i>HDA2</i>	36.9/Ws: 24.2						HPT
CS30876	TFGC456A	<i>HDA5</i>	32.5/Ws: 57.7	400	45.9/Ws: 46.6	327	46.6/Ws: 59.0	354	HPT
	T-FGC886A	<i>HDA5</i>	84.7/Ws: 86.3	399	88.9/Ws: 75.8	314	74.9/Ws: 72.7	337	PPT
CS24038	T-FGC451A	<i>HDA6</i>	77.6/Ws: 81.2	401	94.7/Ws: 84.8	542	63.2/Ws: 65.5	334	HPT
CS24039	T-FGC451B	<i>HDA6</i>	75.1/Ws: 81.2	394	77.6/Ws: 84.8	638	56.8/Ws: 65.5	315	HPT
	T-FGC451C	<i>HDA6</i>	76.9/Ws: 69.6	445	77.3/Ws: 79.0	331	74.1/Ws: 81.4	432	HYG
CS30953	TFGC654A	<i>HDA8</i>	30.3/Ws: 58.1	241	53.3/Ws: 66.1	214	51.8/Ws: 68.9	226	PPT
CS30954	TFGC654B	<i>HDA8</i>	59.2/Ws: 70.2	233	58.1/Ws: 77.8	186	83.8/Ws: 73.1	278	PPT
CS30955	TFGC654C	<i>HDA8</i>	53.1/Ws: 50.4	277			45.8/Ws: 49.2	345	PPT
CS30878	TFGC459A	<i>HDA9</i>	75.9/Ws: 84.2	266	15.9/Ws: 48.4	246	84.4/Ws: 89.3	310	HPT
CS30879	TFGC459B	<i>HDA9</i>	81.0/Ws: 84.2	279	21.6/Ws: 48.4	246	90.0/Ws: 89.3	320	HPT
CS3969	TFGC155A	<i>HDT1</i>	54.9/Ws: 78.4	458	58.4/Ws: 81.5	418	57.8/Ws: 51.6	339	HPT
CS3970	TFGC155B	<i>HDT1</i>	53.0/Ws: 78.6	374	67.5/Ws: 81.5	305	36.3/Ws: 51.6	278	HPT
CS30871	TFGC526A	<i>HDT2</i>	23.5/Ws: 77.3	508	33.8/Ws: 78.1	681	25.3/Ws: 60.4	487	HPT
CS30872	TFGC526B	<i>HDT2</i>	14.7/Ws: 74.3	738	42.8/Ws: 77.8	862	30.6/Ws: 60.3	579	HPT
CS30873	TFGC526C	<i>HDT2</i>	18.4/Ws: 75.2	637	43.3/Ws: 78.2	829	28.6/Ws: 63.0	510	HPT
CS30874	TFGC526D	<i>HDT2</i>	20.7/Ws: 75.4	763	33.6/Ws: 70.3	1039	22.4/Ws: 64.6	550	HPT
CS30875	TFGC526E	<i>HDT2</i>	16.7/Ws: 74.9	777	32.4/Ws: 71.2	996	25.1/Ws: 68.7	492	HPT
CS24027	T-FGC659A	<i>HDT3</i>	39.4/Ws: 60.6	284	63.2/Ws: 67.6	220	70.6/Ws: 73.4	289	PPT
CS24028	T-FGC659Bm	<i>HDT3</i>	62.2/Ws: 51.7	325	37.7/Ws: 67.1	268	69.2/Ws: 84.6	357	PPT
CS24029	T-FGC659C	<i>HDT3</i>	52.1/Ws: 51.7	342	49.6/Ws: 67.1	351	67.9/Ws: 84.6	442	PPT
CS30956	TFGC631A	<i>HDT4</i>	50.0/Ws: 70.2	244	78.8/Ws: 77.8	160	83.1/Ws: 73.1	156	PPT
CS30957	TFGC631B	<i>HDT4</i>	57.4/Ws: 65.1	282	44.5/Ws: 62.0	218	79.1/Ws: 57.8	230	PPT
CS30958	TFGC631C	<i>HDT4</i>	68.2/Ws: 65.1	343	37.5/Ws: 62.0	224	79.3/Ws: 57.8	352	PPT
CS23979	T-FGC993A	<i>HON1</i>	49.2/Ws: 60.4	238	85.8/Ws: 76.0	344	71.6/Ws: 78.2	215	PPT
CS23980	T-FGC993B	<i>HON1</i>	44.1/Ws: 60.4	281	80.8/Ws: 76.0	260	57.0/Ws: 78.2	244	PPT
CS23981	T-FGC993Cm	<i>HON1</i>	52.4/Ws: 60.4	248	68.9/Ws: 76.0	370	60.4/Ws: 78.2	250	PPT
	T-FGC991Dm	<i>HON5</i>	54.7/Ws: 72.3	245	48.7/Ws: 71.8	308	54.4/Ws: 70.6	270	PPT
CS23982	T-FGC991A	<i>HON5</i>	44.7/Ws: 60.4	273	78.9/Ws: 76.0	289	56.9/Ws: 78.2	292	PPT
	T-FGC991C	<i>HON5</i>	29.4/Ws: 69.1	238	27.1/Ws: 74.8	214	55.5/Ws: 69.3	200	PPT
CS23983	T-FGC991B	<i>HON5</i>	59.6/Ws: 60.4	245	89.4/Ws: 76.0	293	71.0/Ws: 78.2	248	PPT
CS3984	TFGC458A	<i>HXA1</i>	29.2/Ws: 24.2						HPT
CS3986	TFGC458C	<i>HXA1</i>	24.8/Ws: 24.2						HPT
CS30989	T-FGC458D	<i>HXA1</i>	69.7/Ws: 81.2	284	63.3/Ws: 84.8	338	80.1/Ws: 65.5	322	HPT
CS30990	T-FGC458E	<i>HXA1</i>	72.8/Ws: 81.2	316	71.8/Ws: 84.8	266	68.7/Ws: 65.5	233	HPT

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CS30991	T-FGC458F	<i>HXA1</i>	60.7/Ws: 81.2	303	72.2/Ws: 84.8	309	75.8/Ws: 65.5	227	HPT
CS30992	T-FGC458G	<i>HXA1</i>	73.1/Ws: 81.2	197	75.7/Ws: 84.8	251	85.7/Ws: 65.5	252	HPT
CS30880	TFGC296A	<i>HXA2</i>	68.4/Ws: 41.1	237	66.8/Ws: 45.4	587	57.1/Ws:42.9	326	HPT
CS30881	TFGC296B	<i>HXA2</i>	62.9/Ws: 41.1	294	68.6/Ws: 45.4	420	45.0/Ws:42.9	258	HPT
CS23984	T-FGC947Am	<i>MBD1</i>	46.0/Ws: 60.4	224	73.2/Ws: 76.0	291	59.2/Ws: 78.2	223	PPT
CS23911	T-FGC988Bm	<i>MBD10</i>	45.2/Ws: 60.4	197	84.2/Ws: 76.0	335	43.0/Ws: 78.2	251	PPT
CS23990	T-FGC988A	<i>MBD10</i>	48.6/Ws: 60.4	173	58.3/Ws: 76.0	294	28.2/Ws: 78.2	199	PPT
CS23992	T-FGC989Am	<i>MBD11</i>	38.0/Ws: 60.4	221	23.7/Ws: 76.0	336	44.6/Ws: 78.2	240	PPT
CS23993	T-FGC989B	<i>MBD11</i>	62.3/Ws: 60.4	268	87.4/Ws: 76.0	277	59.2/Ws: 78.2	294	PPT
CS30911	TFGC648A	<i>MBD2</i>	37.1/Ws: 63.6	307			99.7/Ws: 99.2	287	PPT
CS30913	TFGC693A	<i>MBD2</i>	49.0/Ws: 83.4	194	24.6/Ws: 23.5	364	49.4/Ws:58.3	312	PPT
CS23985	T-FGC648Cm	<i>MBD2</i>	75.2/Ws: 86.3	311	87.0/Ws: 75.8	376	81.6/Ws: 72.7	245	PPT
CS30912	T-FGC648B	<i>MBD2</i>	65.4/Ws: 60.6	387	81.8/Ws: 67.6	335	75.3/Ws: 73.4	360	PPT
CS23986	T-FGC704A	<i>MBD7</i>	85.8/Ws: 90.2	296	84.1/Ws: 72.8	477	85.1/Ws: 73.0	329	PPT
CS23987	T-FGC704B	<i>MBD7</i>	86.1/Ws: 90.2	251	81.3/Ws: 72.8	73.0	73.0/Ws: 73.0	252	PPT
CS23988	T-FGC704C	<i>MBD7</i>	56.2/Ws: 60.4	265	78.3/Ws: 76.0	374	40.1/Ws: 78.2	252	PPT
CS30993	T-FGC695A	<i>MBD8</i>	85.4/Ws: 90.2	288	82.4/Ws: 72.8	471	78.6/Ws: 73.0	257	PPT
CS23989	T-FGC695B	<i>MBD8</i>	82.0/Ws: 90.2	372	78.6/Ws: 72.8	289	71.0/Ws: 73.0	469	PPT
	T-FGC695D	<i>MBD8</i>	55.6/Ws: 72.3	275	35.7/Ws: 71.8	286	49.6/Ws: 70.6	268	PPT
	T-FGC695E	<i>MBD8</i>	63.4/Ws: 60.1	328	36.1/Ws: 65.1	255	43.9/Ws: 58.1	305	PPT
CS30882	TFGC450A	<i>MFP1</i>	33.5/Ws: 41.1	343	46.6/Ws: 45.4	279	31.4/Ws:42.9	280	HPT
CS30947	TFGC450D	<i>MFP1</i>	33.8/Ws: 58.1	284	56.2/Ws: 66.1	233	34.4/Ws:68.9	224	HPT
CS30948	TFGC450E	<i>MFP1</i>	32.9/Ws: 41.1	283	50.4/Ws: 45.4	288	32.5/Ws:42.9	286	HPT
CS30949	TFGC450F	<i>MFP1</i>	57.8/Ws: 65.1	282	42.1/Ws: 62.0	304	18.7/Ws:57.8	282	HPT
CS30950	TFGC450G	<i>MFP1</i>	43.7/Ws: 58.1	295	76.3/Ws: 66.1	295	44.5/Ws:68.9	382	HPT
CS30994	T-FGC441Bm	<i>NFA1</i>	62.7/Ws: 67.2	359	52.9/Ws: 70.9	548	82.3/Ws: 79.8	356	HPT
CS30995	T-FGC441A	<i>NFA1</i>	61.2/Ws: 67.2	438	44.4/Ws: 70.9	522	84.4/Ws: 79.8	371	HPT
CS30996	T-FGC441Cm	<i>NFA1</i>	54.6/Ws: 67.2	205	58.1/Ws: 70.9	382	79.6/Ws: 79.8	367	HPT
CS30915	TFGC442D	<i>NFA2</i>	44.5/Ws: 77.9	213	46.3/Ws: 43.1	270	59.1/Ws: 55.7	443	HPT
CS3991	TFGC300A	NFA2	13.2/Ws: 35.7						HPT
CS3989	TFGC442A	NFA2	13.2/Ws: 24.2						HPT
CS30887	TFGC447A	NFA3	33.0/Ws: 87.3	364	75.6/Ws: 88.6	445	65.0/Ws: 81.0	448	HPT
CS30888	TFGC447B	<i>NFA3</i>	55.3/Ws: 77.1	614	39.5/Ws: 73.8	857	82.1/Ws: 81.0	363	HPT
CS30959	TFGC630A	<i>NFA4</i>	28.0/Ws: 65.1	207	48.1/Ws: 62.0	212	73.5/Ws:57.8	215	PPT
CS30960	TFGC630B	<i>NFA4</i>	62.7/Ws: 70.2	225	68.9/Ws: 77.8	183	74.1/Ws:73.1	213	PPT
CS30961	TFGC630C	<i>NFA4</i>	56.7/Ws: 70.2	187	64.8/Ws: 77.8	122	83.6/Ws:73.1	177	PPT

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CS30962	TFGC630D	<i>NFA4</i>	79.1/Ws: 70.2	211	76.3/Ws: 77.8	198	76.5/Ws:73.1	295	PPT
CS24041	T-FGC768C	<i>NFA6</i>	90.1/Ws: 90.2	191	84.1/Ws: 72.8	250	76.3/Ws: 73.0	169	PPT
CS24042	T-FGC768D	<i>NFA6</i>	79.8/Ws: 86.2	332	86.7/Ws: 92.6	414	74.1/Ws: 83.0	428	PPT
CS23994	T-FGC768Am	<i>NFA6</i>	79.5/Ws: 90.2	200	85.0/Ws: 72.8	479	81.4/Ws: 73.0	172	PPT
CS23995	T-FGC768Bm	<i>NFA6</i>	87.1/Ws: 86.2	279	88.2/Ws: 92.6	459	67.3/Ws: 83.0	309	PPT
CS30916	TFGC446A	<i>NFB1</i>	62.2/Ws: 83.4	222	10.7/Ws: 23.5	302	45.4/Ws: 58.3	227	HPT
CS30917	TFGC446B	<i>NFB1</i>	66.8/Ws: 76.9	229	87.0/Ws: 81.5	123	50.4/Ws: 51.6	143	HPT
CS30918	TFGC446C	<i>NFB1</i>	63.9/Ws: 83.4	313	17.4/Ws: 23.5	295	55.8/Ws: 58.3	206	HPT
CS30919	TFGC446D	<i>NFB1</i>	56.8/Ws: 77.9	273	46.3/Ws: 43.1	219	52.8/Ws: 55.7	287	HPT
	T-FGC811B	<i>NFC1</i>	77.2/Ws: 86.2	276	85.3/Ws: 92.6	476	69.7/Ws: 83.0	446	PPT
CS30889	TFGC655A	<i>NFC2</i>	57.1/Ws: 79.8	424	63.8/Ws: 65.5	326	76.8/Ws:87.4	323	PPT
CS30890	TFGC655B	<i>NFC2</i>	57.4/Ws: 69.9	248	43.5/Ws: 54.8	46			PPT
CS3992	TFGC463A	<i>NFC4</i>	29.7/Ws: 35.7						HPT
CS3994	TFGC463C	<i>NFC4</i>	38.6/Ws: 35.7						HPT
CS30999	T-FGC490B	<i>NFD1</i>	85.4/Ws: 67.2	171	64.2/Ws: 70.9	162	66.9/Ws: 79.8	166	HPT
CS30997	T-FGC490Cm	<i>NFD1</i>	70.7/Ws: 67.2	157	66.7/Ws: 70.9	144	81.8/Ws: 79.8	137	HPT
CS30998	T-FGC490A	<i>NFD1</i>	75.9/Ws: 67.2	324	71.6/Ws: 70.9	236	79.9/Ws: 79.8	239	HPT
CS24043	T-FGC962Am	<i>NFD10</i>	69.7/Ws: 69.9	290	55.1/Ws: 66.3	448	71.8/Ws: 67.6	245	PPT
CS24044	T-FGC962B	<i>NFD10</i>	58.5/Ws: 69.9	352	55.3/Ws: 66.3	332	72.3/Ws: 67.6	394	PPT
CS24045	T-FGC962C	<i>NFD10</i>	79.9/Ws: 69.9	313	58.9/Ws: 66.3	297	73.4/Ws: 67.6	316	PPT
CS31000	T-FGC448C	<i>NFD2</i>	80.8/Ws: 67.2	172	70.4/Ws: 70.9	213	71.8/Ws: 79.8	209	HPT
CS23944	T-FGC448D	<i>NFD2</i>	60.5/Ws: 67.2	86	67.1/Ws: 70.9	167	79.4/Ws: 79.8	126	HPT
CS30893	TFGC460A	<i>NFD3</i>	57.4/Ws: 64.5	230	60.4/Ws: 54.8	219	38.4/Ws: 73.5	73	HPT
CS30894	TFGC460B	<i>NFD3</i>	55.3/Ws: 81.3	132	13.3/Ws: 44.2	204	33.6/Ws: 73.5	116	HPT
CS30895	TFGC460C	<i>NFD3</i>	77.8/Ws: 87.3	351	76.7/Ws: 88.6	442	75.8/Ws: 81.0	326	HPT
CS23997	T-FGC676A	<i>NFD4</i>	47.6/Ws: 60.4	187	63.7/Ws: 76.0	226	47.0/Ws: 78.2	217	PPT
CS30963	TFGC620A	<i>NFD5</i>	58.1/Ws: 70.2	203	70.2/Ws: 77.8	205	68.3/Ws:73.1	180	PPT
CS30964	TFGC620B	<i>NFD5</i>	55.1/Ws: 70.2	247	75.8/Ws: 77.8	211	86.2/Ws:73.1	247	PPT
CS30965	TFGC620C	<i>NFD5</i>	72.8/Ws: 70.2	294	80.1/Ws: 77.8	326	74.8/Ws:73.1	357	PPT
	T-FGC960A	<i>NFD6</i>	47.1/Ws: 72.3	208	62.3/Ws: 71.8	244	58.9/Ws: 70.6	207	PPT
	T-FGC960Bm	<i>NFD6</i>	69.1/Ws: 72.3	301	87.5/Ws: 71.8	360	73.6/Ws: 70.6	344	PPT
	T-FGC960C	<i>NFD6</i>	64.0/Ws: 72.3	228	75.3/Ws: 71.8	299	65.8/Ws: 70.6	275	PPT
	T-FGC960D	<i>NFD6</i>	68.0/Ws: 72.3	194	36.5/Ws: 71.8	255	79.6/Ws: 70.6	201	PPT
CS23945	T-FGC961A	<i>NFD7</i>	81.2/Ws: 86.2	335	90.6/Ws: 92.6	341	68.2/Ws: 83.0	289	PPT
CS23946	T-FGC961B	<i>NFD7</i>	85.5/Ws: 90.2	221	86.0/Ws: 72.8	499	82.0/Ws: 73.0	183	PPT
	T-FGC961D	<i>NFD7</i>	71.5/Ws: 86.2	333	85.7/Ws: 92.6	412	63.7/Ws: 83.0	358	PPT

ABRC stock no.	Univ. of Arizona stock no.	Gene symbol	Tumorigenesis* (A208) mutant/wild-type	No. of root segments assayed: tumors	Transient GUS activity* (At849) mutant/wild-type	No. of root segments assayed: GUS	Ppt or Kan-resistance* (At872 or 849) mutant/wild-type	No. of root segments assayed: Ppt ^r /Kan ^r	Resistance of the line [†]
CS23947	T-FGC961C	<i>NFD7</i>	86.9/Ws: 86.2	350	85.0/Ws: 92.6	366	65.7/Ws: 83.0	425	PPT
	T-FGC782A	<i>SDG1</i>	45.3/Ws: 69.1	257	39.6/Ws: 74.8	273	57.8/Ws: 69.3	275	PPT
	T-FGC782B	<i>SDG1</i>	48.0/Ws: 69.1	225	42.1/Ws: 74.8	316	52.1/Ws: 69.3	217	PPT
	T-FGC782C	<i>SDG1</i>	13.3/Ws: 69.1	315	42.8/Ws: 74.8	276	44.3/Ws: 69.3	325	PPT
	T-FGC782D	<i>SDG1</i>	43.8/Ws: 69.1	299	49.8/Ws: 74.8	289	46.9/Ws: 69.3	254	PPT
	T-FGC787C	<i>SDG10</i>	31.8/Ws: 72.2	179	42.3/Ws: 59.3	187	38.1/Ws: 60.0	194	PPT
CS23952	T-FGC787Bm	<i>SDG10</i>	46.7/Ws: 72.2	274	35.4/Ws: 59.3	257	49.0/Ws: 60.0	339	PPT
CS23953	T-FGC787A	<i>SDG10</i>	54.2/Ws: 72.2	299	29.9/Ws: 59.3	318	49.1/Ws: 60.0	328	PPT
	T-FGC805B	<i>SDG11</i>	51.2/Ws: 69.9	254	53.8/Ws: 66.3	184	68.9/Ws: 67.6	225	PPT
CS23954	T-FGC805Am	<i>SDG11</i>	37.8/Ws: 72.2	267	34.7/Ws: 59.3	251	32.6/Ws: 60.0	255	PPT
	T-FGC805Cm	<i>SDG11</i>	58.3/Ws: 69.1	228	81.6/Ws: 74.8	304	56.2/Ws: 69.3	331	PPT
	T-FGC805D	<i>SDG11</i>	52.1/Ws: 69.1	307	61.4/Ws: 74.8	373	55.8/Ws: 69.3	267	PPT
CS23955	T-FGC823A	<i>SDG15</i>	11.9/Ws: 72.2	236	35.2/Ws: 59.3	239	37.1/Ws: 60.0	261	PPT
CS23999	T-FGC826A	<i>SDG17</i>	59.7/Ws: 60.4	276	75.9/Ws: 76.0	320	41.3/Ws: 78.2	252	PPT
CS24000	T-FGC807Am	<i>SDG19</i>	60.3/Ws: 60.4	209	72.0/Ws: 76.0	407	56.0/Ws: 78.2	243	PPT
	T-FGC784D	<i>SDG2</i>	50.4/Ws: 69.1	238	32.4/Ws: 74.8	299	44.3/Ws: 69.3	176	PPT
CS24046	T-FGC846B	<i>SDG22</i>	21.4/Ws: 72.2	281	46.9/Ws: 59.3	299	47.2/Ws: 60.0	316	PPT
CS24001	T-FGC846A	<i>SDG22</i>	63.1/Ws: 60.4	293	78.5/Ws: 76.0	311	58.6/Ws: 78.2	191	PPT
	T-FGC900C	<i>SDG25</i>	43.0/Ws: 60.4	251	41.8/Ws: 76.0	359	51.8/Ws: 78.2	222	PPT
	T-FGC900D	<i>SDG25</i>	57.5/Ws: 69.1	255	41.9/Ws: 74.8	308	58.4/Ws: 69.3	262	PPT
	T-FGC900A	<i>SDG25</i>	50.8/Ws: 69.1	264	45.1/Ws: 74.8	306	65.1/Ws: 69.3	281	PPT
	T-FGC900B	<i>SDG25</i>	44.8/Ws: 69.1	261	45.5/Ws: 74.8	314	63.2/Ws: 69.3	340	PPT
CS23956	T-FGC821Am	<i>SDG26</i>	63.2/Ws: 81.0	291	76.4/Ws: 85.1	495	76.4/Ws: 82.2	402	PPT
	T-FGC821D	<i>SDG26</i>	69.0/Ws: 81.0	371	62.6/Ws: 85.1	535	78.3/Ws: 82.2	438	PPT
CS24003	T-FGC821C	<i>SDG26</i>	53.6/Ws: 60.4	235	71.4/Ws: 76.0	367	75.9/Ws: 78.2	245	PPT
CS24002	T-FGC821B	<i>SDG26</i>	47.4/Ws: 60.4	226	84.4/Ws: 76.0	302	49.4/Ws: 78.2	245	PPT
CS24004	T-FGC877A	<i>SDG29</i>	28.3/Ws: 69.1	244	50.0/Ws: 74.8	286	31.4/Ws: 69.3	401	PPT
CS24006	T-FGC877C	<i>SDG29</i>	41.6/Ws: 69.1	339	46.0/Ws: 74.8	361	52.2/Ws: 69.3	224	PPT
CS24005	T-FGC877B	<i>SDG29</i>	57.5/Ws: 69.1	299	46.2/Ws: 74.8	314	60.8/Ws: 69.3	306	PPT
	T-FGC783A	<i>SDG3</i>	40.2/Ws: 69.9	341	51.6/Ws: 66.3	417	49.0/Ws: 67.6	290	PPT
CS24010	T-FGC990A	<i>SDG34</i>	54.2/Ws: 69.1	273	52.0/Ws: 74.8	437	58.0/Ws: 69.3	264	PPT
CS24011	T-FGC990Bm	<i>SDG34</i>	62.9/Ws: 69.1	345	55.8/Ws: 74.8	330	71.7/Ws: 69.3	329	PPT
CS24012	T-FGC990Cm	<i>SDG34</i>	50.6/Ws: 69.1	267	40.9/Ws: 74.8	281	55.1/Ws: 69.3	314	PPT
CS23948	T-FGC800A	<i>SDG7</i>	72.2/Ws: 69.9	413	57.0/Ws: 66.3	467	57.4/Ws: 67.6	366	PPT
CS23998	T-FGC803A	<i>SDG8</i>	56.8/Ws: 69.1	289	74.3/Ws: 74.8	413	51.1/Ws: 69.3	321	PPT
CS23949	T-FGC801A	<i>SDG9</i>	47.9/Ws: 69.9	311	47.6/Ws: 66.3	273	61.0/Ws: 67.6	368	PPT

ABRC stock no.	Univ. of Arizona stock no.	Gene symbol	Tumorigenesis* (A208) mutant/wild-type	No. of root segments assayed: tumors	Transient GUS activity* (At849) mutant/wild-type	No. of root segments assayed: GUS	Ppt or Kan-resistance* (At872 or 849) mutant/wild-type	No. of root segments assayed: Ppt ^r /Kan ^r	Resistance of the line [†]
	T-FGC801D	<i>SDG9</i>	47.6/Ws: 69.9	410	41.9/Ws: 66.3	403	65.3/Ws: 67.6	268	PPT
CS23950	T-FGC801B	<i>SDG9</i>	70.5/Ws: 72.2	352	56.9/Ws: 59.3	339	51.8/Ws: 60.0	340	PPT
CS23951	T-FGC801Cm	<i>SDG9</i>	48.8/Ws: 72.2	248	45.5/Ws: 59.3	233	72.1/Ws: 60.0	322	PPT
CS30921	TFGC524C	<i>SGA1</i>	10.5/Ws: 82.0	582	19.4/Ws: 61.3	825	18.4/Ws: 56.2	397	HPT
CS3995	TFGC524A	<i>SGA1</i>	29.3/Ws: 72.6	783	54.5/Ws: 80.7	636	51.1/Ws: 60.6	406	HPT
CS3996	TFGC524B	<i>SGA1</i>	10.8/Ws: 72.8	798	26.5/Ws: 80.0	666	40.8/Ws: 60.1	369	HPT
CS23957	T-FGC449A	<i>SGB1</i>	61.4/Ws: 69.6	171	64.8/Ws: 79.0	446	80.5/Ws: 81.4	287	HYG
CS24009	T-FGC985C	<i>SGB2</i>	45.9/Ws: 69.1	283	47.0/Ws: 74.8	383	52.6/Ws: 69.3	228	PPT
CS24007	T-FGC985A	<i>SGB2</i>	47.3/Ws: 69.1	357	72.5/Ws: 74.8	316	60.0/Ws: 69.3	335	PPT
CS24008	T-FGC985B	<i>SGB2</i>	20.3/Ws: 69.1	261	16.5/Ws: 74.8	267	30.2/Ws: 69.3	255	PPT
CS24013	T-FGC995A	<i>SGF1</i>	67.1/Ws: 69.1	246	61.3/Ws: 74.8	292	55.0/Ws: 69.3	262	PPT
CS24014	T-FGC995B	<i>SGF1</i>	61.9/Ws: 69.1	328	68.1/Ws: 74.8	492	56.5/Ws: 69.3	253	PPT
CS24015	T-FGC995C	<i>SGF1</i>	45.1/Ws: 69.1	233	61.2/Ws: 74.8	327	50.8/Ws: 69.3	260	PPT
	T-FGC675Am	<i>SRT1</i>	40.0/Ws: 81.0	287	42.2/Ws: 85.1	490	72.1/Ws: 82.2	463	PPT
	T-FGC675B	<i>SRT1</i>	47.9/Ws: 81.0	340	47.7/Ws: 85.1	509	77.9/Ws: 82.2	457	PPT
	T-FGC675C	<i>SRT1</i>	56.7/Ws: 81.0	379	60.2/Ws: 85.1	392	76.9/Ws: 82.2	425	PPT
	T-FGC675D	<i>SRT1</i>	49.1/Ws: 81.0	328	65.5/Ws: 85.1	304	73.8/Ws: 82.2	386	PPT
340				101892		108738		101734	

Bold-face indicates *rat* mutant lines; red colored data indicate the weighted mean from two or more tests; blue colored data indicate that the mutant scores >50% of wild-type but still displays a *rat* mutant phenotype.

*Percentage of mutant root segments displaying the phenotype compared with the percentage of wild-type root segments displaying the phenotype.

[†]HYG indicates hygromycin resistance. Germinate seeds in B5 medium + 20 mg /liter hygromycin; PPT indicates phosphinothricin resistance. Germinate seeds in B5 + 10 mg /liter phosphinothricin; Hygromycin-resistant calli were screened for second transformation with PPT. PPT-resistant calli were screened for second transformation with kanamycin.