

Aux/IAA Degron Mutations

	Mutant	Degron	Comments	DOI	
<i>Physcomitrium patens</i>	<i>ppiaa1A-113</i>	VGWSPVK	Gd <i>pabA3</i>	https://doi.org/10.1016/j.cub.2010.08.050	
	<i>ppiaa1A-246</i>	VGWPSVK	Gd	https://doi.org/10.1016/j.cub.2010.08.050	
	<i>ppiaa1A-C15</i>	VGWPLVK	Gd <i>DR5/NLS4</i>	https://doi.org/10.1371/journal.pbio.3002163	
	<i>ppiaa1A-D69</i>	VGWPLVK	Gd <i>DR5/NLS4</i>	https://doi.org/10.1371/journal.pbio.3002163	
	<i>ppiaa1A-D75</i>	VGWPLVK	Gd <i>DR5/NLS4</i>	https://doi.org/10.1371/journal.pbio.3002163	
	<i>ppiaa1A-D148</i>	VSWPVK	Gd <i>DR5/NLS4</i> , weak	https://doi.org/10.1371/journal.pbio.3002163	
	<i>ppiaa1A-D151</i>	VGWPLVK	Gd <i>DR5/NLS4</i>	https://doi.org/10.1371/journal.pbio.3002163	
	<i>ppiaa1A-D153</i>	VGWPLVK	Gd <i>DR5/NLS4</i>	https://doi.org/10.1371/journal.pbio.3002163	
	<i>ppiaa1B-34</i>	VGWPSVK	Gd	https://doi.org/10.1016/j.cub.2010.08.050	
	<i>ppiaa1B-91</i>	VGWPSVK	Gd <i>thi-1</i>	https://doi.org/10.1016/j.cub.2010.08.050	
	<i>ppiaa1B-112</i>	VGWPSVK	Gd <i>pabA3</i>	https://doi.org/10.1016/j.cub.2010.08.050	
	<i>ppiaa1B-C33r</i>	VGWPFVK	Gd <i>DR5/NLS4</i>	https://doi.org/10.1371/journal.pbio.3002163	
	<i>ppiaa1B-C37</i>	VGWLPVK	Gd <i>DR5/NLS4</i>	https://doi.org/10.1371/journal.pbio.3002163	
	<i>ppiaa1B-D68</i>	VGWPLVK	Gd <i>DR5/NLS4</i>	https://doi.org/10.1371/journal.pbio.3002163	
	<i>ppiaa1B-D152</i>	VGWLPVK	Gd <i>DR5/NLS4</i>	https://doi.org/10.1371/journal.pbio.3002163	
	<i>ppiaa2-87</i>	VGWSPVK	Gd <i>thi-1</i>	https://doi.org/10.1016/j.cub.2010.08.050	
	<i>ppiaa2-183</i>	VGWPSVK	Gd <i>pabA3</i>	https://doi.org/10.1016/j.cub.2010.08.050	
	<i>ppiaa2-250</i>	VSWPVK	Gd <i>thi-1</i> , weak	https://doi.org/10.1016/j.cub.2010.08.050	
	<i>ppiaa2-C8</i>	VGWPLVK	Gd <i>DR5/NLS4</i>	https://doi.org/10.1371/journal.pbio.3002163	
	<i>ppiaa2-C10</i>	VGWPLVK	Gd <i>DR5/NLS4</i>	https://doi.org/10.1371/journal.pbio.3002163	
	<i>ppiaa2-C36</i>	VGWPFVK	Gd <i>DR5/NLS4</i>	https://doi.org/10.1371/journal.pbio.3002163	
	<i>ppiaa2-D187</i>	VGWSPVK	Gd <i>DR5/NLS4</i>	https://doi.org/10.1371/journal.pbio.3002163	
	<i>Arabidopsis thaliana</i>	<i>iaa1/axr5-1</i>	VGWPSVR		https://doi.org/10.1111/j.1365-313X.2004.02254.x
		<i>iaa7/axr2-1</i>	VGWSPVR		https://doi.org/10.1104/pp.123.2.563
		<i>iaa17/axr3-1</i>	VGWPLVR		https://doi.org/10.1126/science.279.5355.1371
		<i>iaa17/axr3-3</i>	VGWPPGR		https://doi.org/10.1126/science.279.5355.1371
<i>iaa17/axr3-4</i>		VGWPLVR		https://doi.org/10.1126/science.279.5355.1371	
<i>iaa17/axr3-101</i>		VEWPPVR	Weak	https://doi.org/10.1093/pcp/pcn079 unpub	
<i>iaa6^{Estland}</i>		VGWPPVR	(natural variant, not likely causal for <i>shy1-1</i>)	https://doi.org/10.1016/s1360-1385(01)02042-8 , MJP obs	
<i>iaa3/shy2-1,4</i>		VGWSPVR		https://doi.org/10.1007/BF03030485	
<i>iaa3/shy2-2</i>		VGWSPVR		https://doi.org/10.1242/dev.126.4.711	
<i>iaa3/shy2-3</i>		VEWPPVR	Weak	https://doi.org/10.1242/dev.126.4.711	
<i>iar2/iaa28-1</i>		VGWLPVR		https://doi.org/10.1105/tpc.13.3.465	
<i>iaa12/bdl-1</i>		VGWSPIG		https://doi.org/10.1101/gad.229402	
<i>iaa13^{P80S}</i>		VGWSPIG	(transgene)	https://doi.org/10.1038/sj.emboj.7600659	
<i>iaa14/slr-1</i>		VGWPSVR		https://doi.org/10.1046/j.0960-7412.2001.01201.x	
<i>iaa14/slr-2</i>		VGWSPVR		https://doi.org/10.1093/pcp/pcn079 unpub	
<i>iaa14/slr-3</i>		VGWAPVR		https://doi.org/10.1093/pcp/pcn079 unpub	
<i>iaa14/slr-4</i>		VGWPSVR		https://doi.org/10.1093/pcp/pcn079 unpub	
<i>iaa15^{P75S}</i>		VGWSPVA	(transgene, overexpression)	https://doi.org/10.3389/fpls.2020.01239	
<i>iaa18/crane-1</i>		VRWPPVR		https://doi.org/10.1093/pcp/pcn079	
<i>iaa18/crane-2</i>		VEWPPVR		https://doi.org/10.1093/pcp/pcn079	
<i>iaa19/msg2-1</i>	VGWPSVC		https://doi.org/10.1105/tpc.018630		
<i>iaa19/msg2-2</i>	VRWPPVC		https://doi.org/10.1105/tpc.018630		
<i>iaa19/msg2-3</i>	VGWPLVC		https://doi.org/10.1105/tpc.018630		
<i>iaa19/msg2-4</i>	VGWLPVC		https://doi.org/10.1105/tpc.018630		
<i>Zea mays</i>	<i>ZmlAA10/rum1-R</i>	$\Delta 26$ aa including degron		https://doi.org/10.1111/j.1365-313X.2011.04495.x	
	<i>ZmlAA27/Bif1-N1440</i>	VGWLPVR		https://doi.org/10.1073/pnas.1516473112	
	<i>ZmlAA27/Bif1-N2001</i>	VRWPPVR		https://doi.org/10.1073/pnas.1516473112	
	<i>ZmlAA27/Bif1-N2623</i>	VGWPLVR		https://doi.org/10.1073/pnas.1516473112	
	<i>ZmlAA20/Bif4-N2616</i>	VGWLPVR		https://doi.org/10.1073/pnas.1516473112	
	<i>ZmlAA28/Oja</i>	VEWPPVC		https://doi.org/10.1101/2020.03.27.012211	
<i>Kochia scoparia</i>	<i>Ks IAA16R</i>	VNWPPVR	Diacamba-resistant weed	https://doi.org/10.1073/pnas.1712372115	
<i>Sisymbrium</i>	<i>So IAA2$\Delta 9$</i>	VGWPPVRSY [$\Delta 9$]	2,4-D resistant weed	https://doi.org/10.1073/pnas.2105819119	
<i>Glycine max</i>	<i>Gm dmbn</i>	VGWLPVR		https://doi.org/10.3390/ijms23158643	

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