

## Supersuppressors in *N. crassa*

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# Supersuppressors in *N. crassa*

## Abstract

Supersuppressors in *N. crassa*

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Seale, T., M. Case and R. W. Barratt. Supersuppressors in Neurospora crassa. Below is a summary of the ssu loci in Neurospora and a set

of tester strains useful in the identification of supersuppressors.

Supersuppressor					Suppression of										
locus	allele	linkage group	mutagen	FGSC stock number	locus :	am		arom(p)	hist-3	tryp-1	tryp-2		tryp-2	data from	
					allele :	am <sub>17</sub>	am <sub>24</sub>	Y306M54	Y269M5	<u>15</u>	<u>10</u>	TB31	<u>td140Ab</u>		
					FGSC stock number :	* , ¢ , @		**	¢¢	¢	@				
						1680	1853	1854	1855	1848	1850	1846	1845	1024	
						<u>1684</u>		<u>1862</u>							
ssu-1	WRN33	VIIR	NA	1687,1688		+	+	+		+	+	+	+	+	TWS
ssu-1?	WRN6		NA			+	+							+	TWS
ssu-17	WRN8		NA			+	+							+	TWS
ssu-1?	WRN22		NA			+	+	+						+	TWS
ssu-1?	WRN30		NA			+	+							+	TWS
ssu-1?	WRN48		NA			+	+							+	TWS
ssu-17	WRN68		NA			+	+							+	TWS
ssu-1?	Y319-44	VIIR	UV	1750		+		+						+	MEC
ssu-2	WRU35	IR	UV	1689		+					+@@	+@@	+	+	TWS
ssu-2?	Y319-37	IR	UV	1749				+						+	MEC
ssu-3	WRU118	IL	UV	1851		+							-	+	Tws
ssu-4	WRU18	VIIL	UV	1852		+								+	TWS
ssu-5	Y319-45	III or IV	UV	1751				+						+	MEC
ssu-6	Y319-26	VR	UV	1748				+	+					+	MEC

\*See al-2;am in multigroup listing for more fertile strains (FGSC #1685; 1686).

¢ See FGSC #1847 for tryp-1(15); am(am<sub>17</sub>) double.

@ See FGSC #1849 for am(am<sub>17</sub>);tryp-2(10) double.

¢¢ FGSC #1855 Is a double mutant hist-3 ,nic-2.

@@ Data from J. H. Chalmers, Jr.

\*\*Y306M54 is a pleiotropic mutant with none of the aggregate enzyme-activities.

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