

Backcrosses of pdx-1 trp-4 pan-1 [strain of DDP] (526) (37803) (Y2198) (5531) (sg No 4080e)

	Cross	Germination No/Total Spores	Allele Ratio Linked \rightarrow all sim: eg. trp-4 m : +
pdx-1 trp-4 pan-1	I M_{65}/A $\text{pdx-1 trp-4 pan-1} \times \frac{2}{a} +$ [= DDP 4080] = #2490 FGSC	88/100	38 : 42
	II M_{226}/a $\text{pdx-1 trp-4 pan-1} \times \frac{M}{1} A +$ (#2489)	92/100	39 : 28
	III M_{306}/a " " " " $\times \frac{1}{1} A +$	190/200	98 : 92
	IV $(III \cdot 138) a$ " " " " $\times \frac{1}{1} A +$	95/100	41 : 54
	V $(IV \cdot 3) a$ " " " " $\times \frac{M}{1} A +$	80/99	47 : 33

(526.V.12) a
578.V $\text{trp-4} \times \frac{1}{1} A +$
(#2489)

VI M_{452}/a $\times \frac{M}{1} A +$
(578.V.1)

FGSC
#4059 = $M_{620} A$
#4060 = $M_{619} a$ } trp-4
Y2198

Cross
577.VI $\text{pdx-1 trp-4 (526.V.29) a} \times \frac{M}{1} A +$
(#2489) FGSC

577.VII M_{525}/a $\text{pdx-1 trp-4} \times \frac{M}{1} A +$

#4055A = M_{560}/A
#4056a = M_{559}/a } pdx-1
37803

Cross (579.V) (#2489)
 $(526.V.73) a \text{ pan-1} \times \frac{1}{1} A +$
(5531)

579.VI $M_{454}/A \text{ pan-1} \times \frac{2}{a} +$
(#2490)

579.VII $M_{612}/A \text{ pan-1} \times \frac{527}{a} +$
(#4200)
BC VI d 2491

	FGSC	M	} pan-1 (5531)
#4063		$\frac{692}{A}$	
#4064		$\frac{691}{a}$	