

Back crosses of pan-2 (B36)

Strain from Mary Case : labelled pan-2 B36 ylo12

wrote for allele numbers → no answer

Cross	Parents	Germination	Allele ratio	Crossing over
(663) I	M 949 / A pan-2 ylo × M 527 / a + (6.VI.2) (BC VI. of ORS ₂ to to SL + (12489A))	63/99	pan: + 30:33	5/63
II	(I.34) a × M 11 / A + (12489A) pan ylo	83/100	44:39	7/83
III	M 1244 / a (11.61) × M 11 / A " "	74/100	32:42	4/74
IV	(663.III.46) A × M 527 / a + (6.V.2) pan ylo BC VI of ORS ₂	37/40	13:24	5/37
V	M 1408 / a × M 527 / a + " M 1401 / A pan-ylo-1	34/50	15:19	2/34
VI	(663.V.4) A × M 527 / a + " ylo-1 pan-2	14/60	7:7	2/14
VII	M 1627 / (VI.6) A × M 527 / a + "	71/100	among 25 ylo + ylo: + 50:75	6/25
VIII	(663.VIII.2) A × M 527 / a + " ylo-pan	125/200	141:164	3/79

Link ages: ylo-pan-2

pan-2 (B36)

~55% } average rate of germination 86.0%

	P ₁	P ₂	R ₁	R ₂	Total
633. I	++	ylo-	ylo+	+ -	
II	30	28	3	2	63
III	37	39	2	5	83
IV	39	31	3	1	74 (250)
V	21	11	3	2	37
VI	14	18	1	1	34
VII	7	7	0	0	14
VIII	-	19	6	-	25
	76	-	-	3	79
	224	153	18	14	409

32/409

ylo-pan: Recombination: 7.8%

M 1834 / a	} 7600	4106
M 1835 / A		4105

ylo only
triple
+ only