

Agrobacterium-mediated Rice Transformation Summary

Experiment Date: 2/22/2008
Construct: pTF102
Cultivar: Nipponbare
Agro density (OD₆₀₀): 0.05
Co-cultivation: 25°C/3 days

Student	# Calli infected	# Calli lost to Agro overgrowth	Agro overgrowth (%)	# Calli sacrificed for gus assay	# Calli to selection	Preliminary transformation frequency (%) (4/14/08)	Final # Bialaphos resistant events	Final transformation frequency (%) (4/22/08)
Adam	38	13	34.2	4	21	4.8	3	14.3
Loren	33	10	30.3	5	18	22.2	8	44.4
Meimei	35	15	42.9	2	18	16.7	6	33.3
Mercedes	38	14	36.8	2	22	4.5	4	18.2
Moises	34	15	44.1	4	15	6.7	2	13.3
Nic	28	4	14.3	4	20	15	5	25.0
Sarah	38	9	23.7	5	24	12.5	4	16.7
Xi	39	6	15.4	5	28	14.3	5	17.9
Xiang	36	15	41.7	2	19	21.1	7	36.8
Yan	38	14	36.8	2	22	9.1	3	13.6
Zach	22	8	36.4	2	12	16.7	4	33.3
Class Average	379	123	32.5	37	219	12.8	51	23.3