

Erratum

Transgene expression variability (position effect) of CAT and GUS reporter genes driven by linked divergent T-DNA promoters

Cindy Peach^{1,3} and Jeff Velten^{1,2,3,*}

¹Graduate Program in Molecular Biology (*author for correspondence); ²Plant Genetic Engineering Laboratory, and ³Chemistry Department, New Mexico State University, Las Cruces, NM 88003–0001, USA

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In Table 1 on p. 53 of the above article, the CAT activity data is misplaced by a single line. We now present the corrected table in full overleaf.

Table 1. Pmas1'→CAT and Pmas2'→GUS activities within clonal transgenic tobacco callus lines.

Callus line identifier	CAT activity ^{1,2} (nmol/min/mg)	GUS activity ^{1,2} (nmol/min/mg)	Ratio of activities ^{2,3} GUS/CAT
GC4-NP	0	0	NC
GC4-00.1	78.99	15	0.19
GC4-00.2	29.52	285	9.65
GC4-00.3	41.80	1,434	34.30
GC4-00.4	34.86	980	28.11
GC4-00.5	25.84	609	23.55
GC4-00.6	2.43	16	6.53
GC4-00.7	60.13	1,298	21.58
GC4-00.8	1.86	15	8.02
GC4-00.9	71.51	272	3.81
GC4-00.10	98.59	485	4.92
GC4-00.11	0	0	NC
GC4-00.12	40.91	1,109	27.11
GC4-00.13	56.94	597	10.49
GC4-00.14	60.87	192	3.16
GC4-00.15	53.40	18	0.34
GC4-00.16	22.30	0	NC
GC4-00.17	14.45	419	29.03
GC4-00.18	0	0	NC
GC4-00.19	73.29	578	7.88
GC4-00.20	30.89	1,513	48.99
GC4-00.21	247.39	14	0.06
GC4-00.22	97.60	625	6.40
GC4-00.23	0	0	NC
GC4-00.24	33.89	731	21.58
GC4-00.25	65.39	631	9.65
GC4-00.26	0	0	NC
GC4-00.27	23.00	471	20.49
GC4-00.28	26.55	328	12.36
GC4-00.29	62.29	1,337	21.46
GC4-00.30	56.13	1,423	25.35
GC4-00.31	38.16	1,214	31.80
GC4-00.32	3.49	0	NC
GC4-00.33	135.11	33	0.25
GC4-00.34	67.39	805	11.95
GC4-00.35	36.21	1,290	35.63
GC4-00.36	49.48	849	17.16
GC4-00.37	43.26	847	19.58
GC4-00.38	54.48	2,447	44.92
GC4-00.39	253.33	14	0.05
GC4-00.40	62.16	1,492	24.01
GC4-00.41	0	0	NC
GC4-00.42	4.67	0	NC
GC4-00.43	17.36	810	46.66
GC4-00.44	36.18	881	24.34
GC4-00.45	57.80	0	NC

¹ Values indicated by '0' were less than two times the background values for the no promoter (GC4-NP) callus (CAT < 0.12 nmol/min/mg and GUS < 4.5 nmol/min/mg).

² Values in bold are the maximum and minimum values for that column.

³ GUS/CAT ratios were not calculated (NC) when one or both activities were zero.