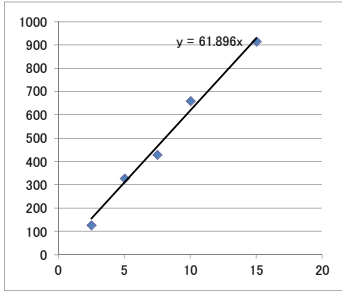


(A) Relation between protein amounts and CBB intensities

Expressed PHYB protein (CBB-stained)

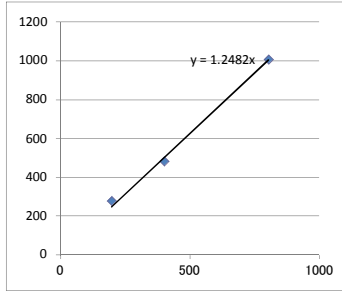
μl	intensity
2.5	126.8
5	326.6
7.5	430.3
10	660.9
15	916.4



(B) Relation between intensities of CBB- and immuno-staining

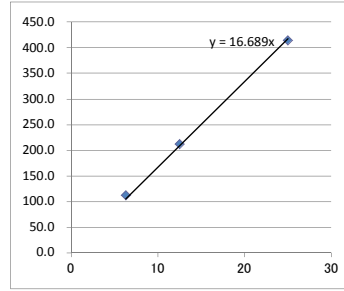
PHYB (Immunostain)

Expressed PHYB (1,000 times diluted)	CBB intensity	immuno-intensity
μl	x	y
3.2	198.08	278.7
6.5	402.35	480.6
13	804.7	1007.5



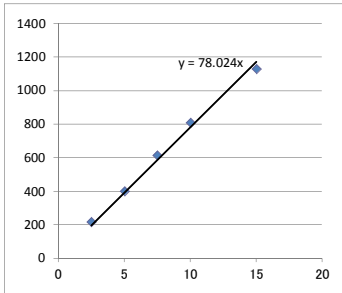
(C) Relation between protein extracts and relative amounts of PHYB or PHYC

protein ext (μg)	immuno-intensity	calculated CBB intensities
x		y
6.3	141	112.8
12.5	265	212.0
25	517	413.6
(50)	(772)	(617.6) out of the linearity



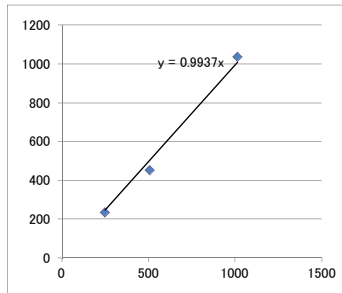
Expressed PHYC protein (CBB-stained)

μl	intensity
2.5	217.6
5	399.8
7.5	616.1
10	808.9
15	1128.8

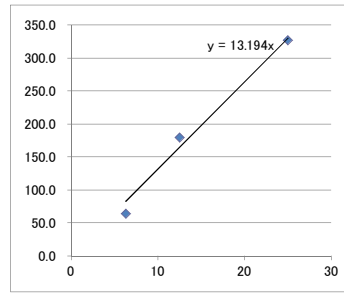


PHYC (Immunostain)

Expressed PHYC	CBB intensity	immuno-intensity
μl	x	y
3.2	249.6	235.4
6.5	507	452.5
13	1014	1036.4



protein ext (μg)	immuno-intensity	calculated CBB intensities
x		y
6.3	63.2	63.8
12.5	178	179.8
25	324	327.3
(50)	(481)	(485.9) out of the linearity



phyB/phyC
=16.7/13.2
=1.3