

Table S1. Total folate content in shoots and roots of 15 d old Arabidopsis seedlings. Values are means \pm SE from three independent experiments. Values in bold represent statistically significant differences when wild-type and *atdfb-1* were compared (student's t-test $\alpha=0.05$, $p\leq 0.01$ *). Values in parenthesis are the percentage of each folate class related to total folate content.

	Genotype	Folate content (pmol g ⁻¹ fresh weight)				
		THF + 5,10-CH ₂ -THF	5-CH ₃ -THF	5,10-CH=THF + 10-CHO-THF	5-CHO-THF	Total Folates
Shoots	Wild-type	115.03 \pm 12.18 (10)	370.28 \pm 34.46 (32)	388.52 \pm 85.42 (33)	287.74 \pm 13.99 (25)	1161.57 \pm 87.43
	<i>atdfb-1</i>	342.76 \pm 60.42 * (29)	487.30 \pm 24.60 (41)	135.54 \pm 44.24 (11)	218.24 \pm 18.86 * (18)	1183.84 \pm 16.54
Roots	Wild-type	208.00 \pm 50.40 (21)	497.45 \pm 18.81 (50)	267.02 \pm 26.62 (27)	22.07 \pm 11.30 (2)	994.54 \pm 94.55
	<i>atdfb-1</i>	159.00 \pm 8.19 (12)	814.71 \pm 130.41 (60)	233.20 \pm 6.47 (17)	160.72 \pm 32.14* (12)	1367.63 \pm 153.64