

Backward reduced fixed-effect table:
Degrees of freedom method: Satterthwaite

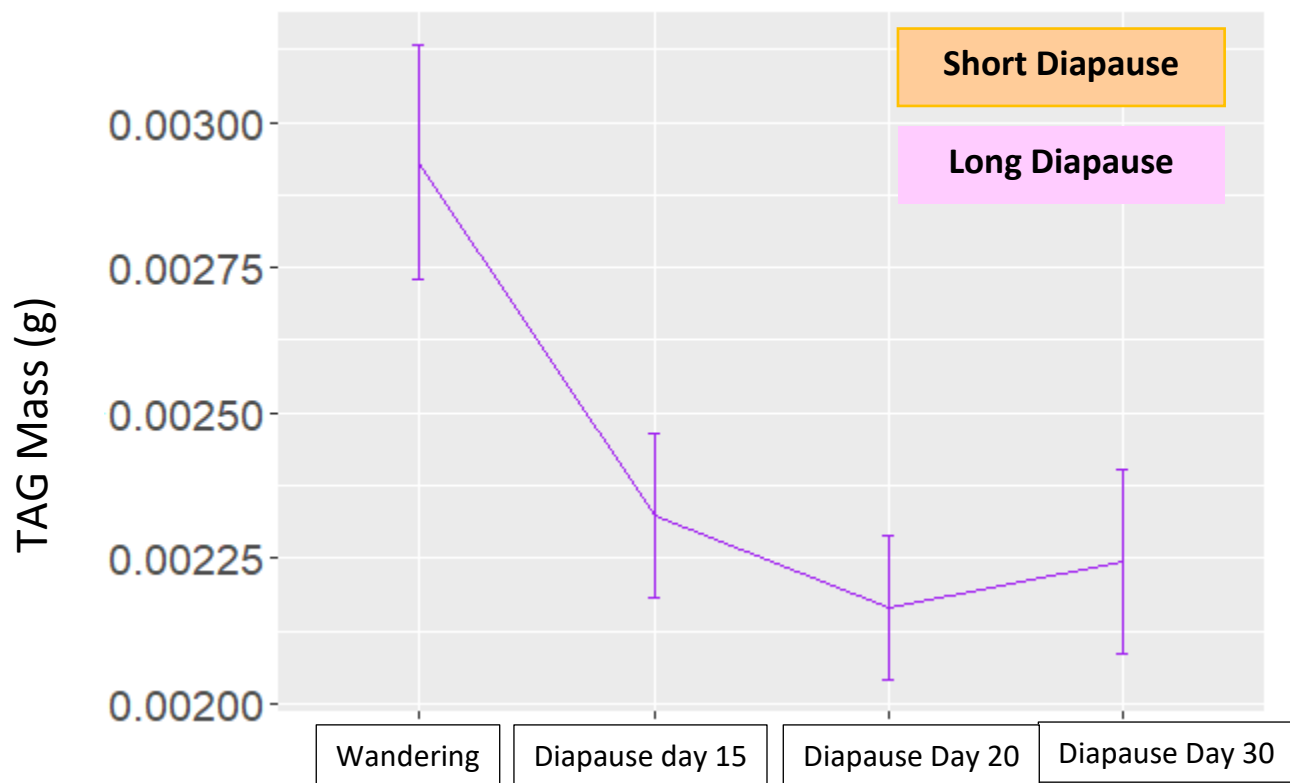
	Eliminated	Sum Sq	Mean Sq	NumDF	DenDF	F value	Pr(>F)
lean_mass	1	7.5580e-10	7.5580e-10	1	59.134	0.0764	0.7832
photoperiod:strain	2	3.9255e-09	3.9255e-09	1	60.297	0.4030	0.5279
photoperiod	3	9.5000e-12	9.5000e-12	1	61.336	0.0010	0.9750
strain	4	4.3549e-09	4.3549e-09	1	62.317	0.4584	0.5009
lipid_mass	5	1.1577e-08	1.1577e-08	1	63.361	1.2298	0.2716

Model found:
tag_mass ~ (1 | batch)

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Fixed effects:

	Estimate	Std. Error	df	t value	Pr(> t)
(Intercept)	0.0008481	0.0001194	4.0830022	7.102	0.00192 **



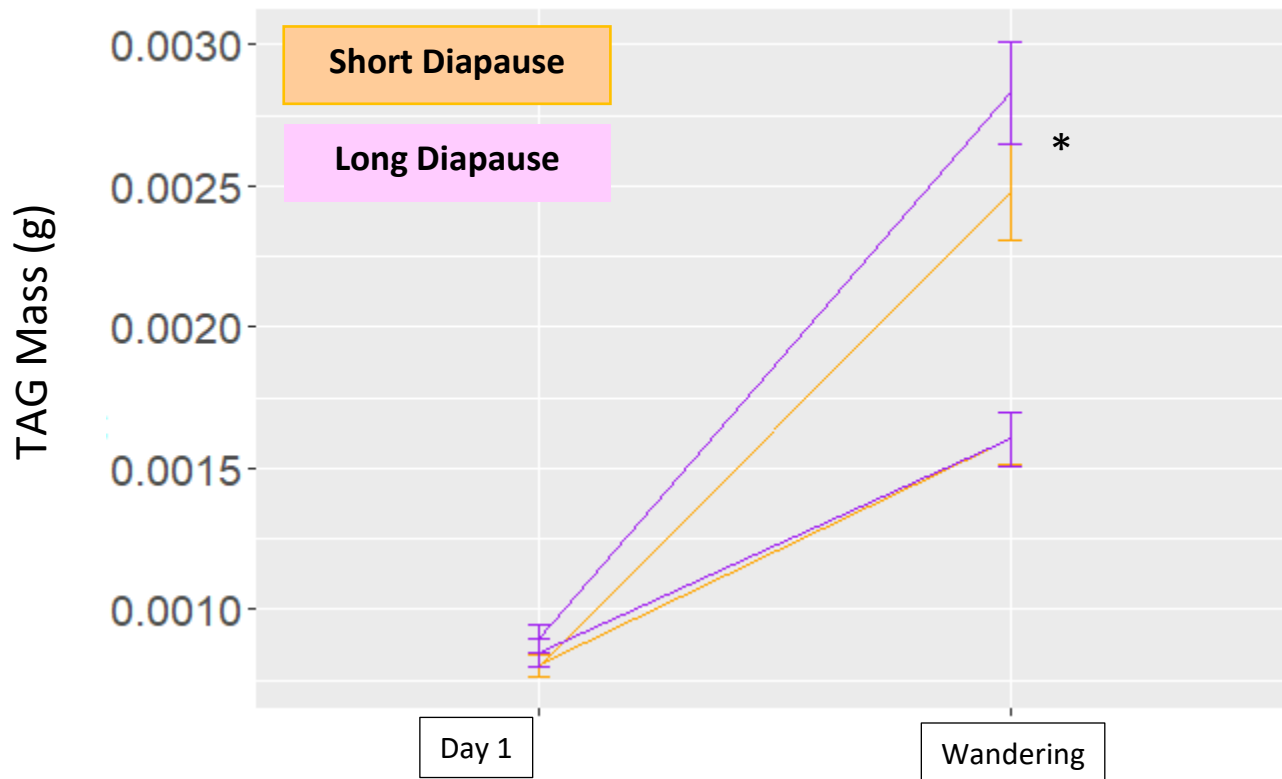
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	Eliminated	Sum Sq	Mean Sq	NumDF	DenDF	F value	Pr(>F)
sample_day	1	6.0522e-07	2.0174e-07	3	13.194	0.5592	0.6511

Model found:
tag_mass ~ (1 | rep:batch)

Fixed effects:

	Estimate	Std. Error	df	t value	Pr(> t)
(Intercept)	2.735e-03	2.306e-04	1.781e+01	11.86	6.9e-10 ***



Backward reduced fixed-effect table:
Degrees of freedom method: Satterthwaite

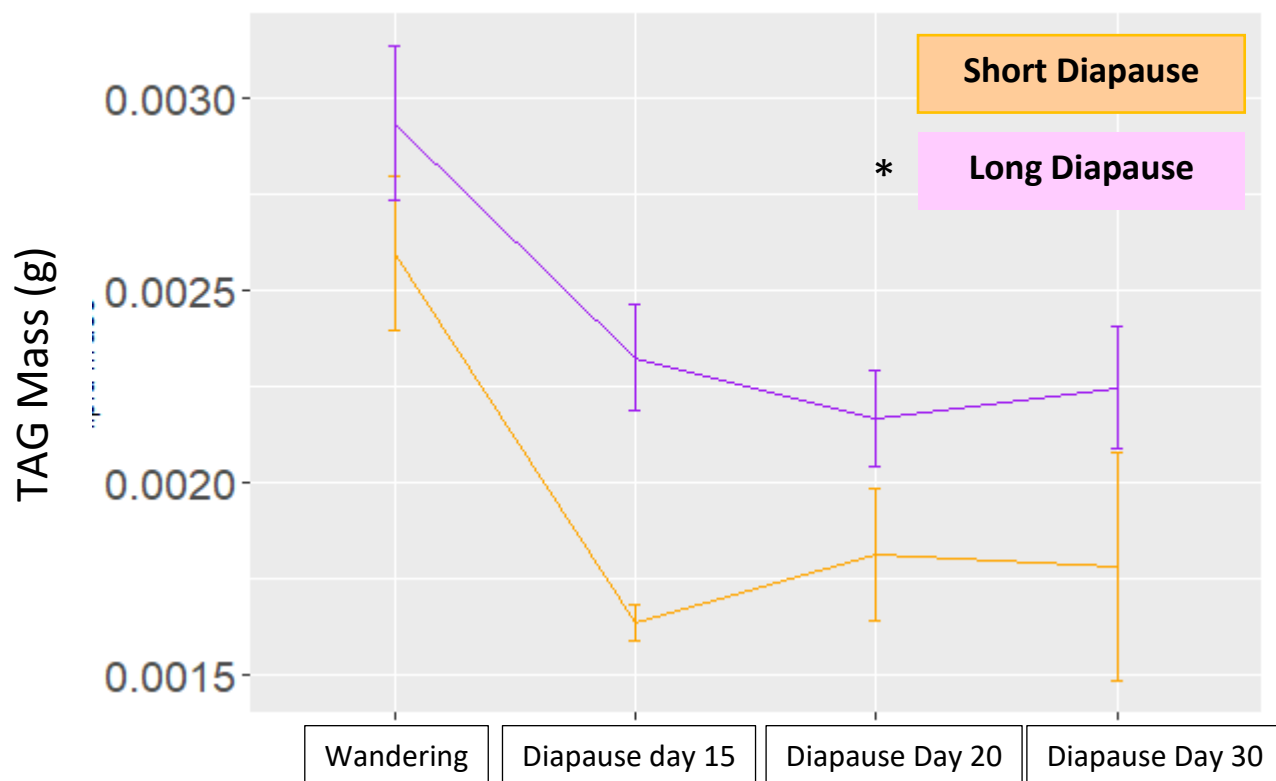
	Eliminated	Sum Sq	Mean Sq	NumDF	DenDF	F value	Pr(>F)
photoperiod:strain	1	0.0000e+00	0.0000e+00	1	133.31	0.0009	0.9764925
strain	2	1.0000e-09	1.0000e-09	1	134.84	0.0046	0.9460286
lean_mass	3	4.2600e-07	4.2600e-07	1	141.08	2.6282	0.1072105
photoperiod	0	2.1910e-06	2.1910e-06	1	136.91	13.4357	0.0003522 ***
lipid_mass	0	3.8122e-05	3.8122e-05	1	138.58	233.7684	< 2.2e-16 ***

Model found:

tag_mass ~ photoperiod + lipid_mass + (1 | batch)

Fixed effects:

	Estimate	Std. Error	df	t value	Pr(> t)
(Intercept)	3.984e-04	3.461e-04	1.276e+01	1.151	0.270818
photoperiod16	-3.155e-04	8.609e-05	1.369e+02	-3.665	0.000352 ***
lipid_mass	2.055e-01	1.344e-02	1.386e+02	15.289	< 2e-16 ***



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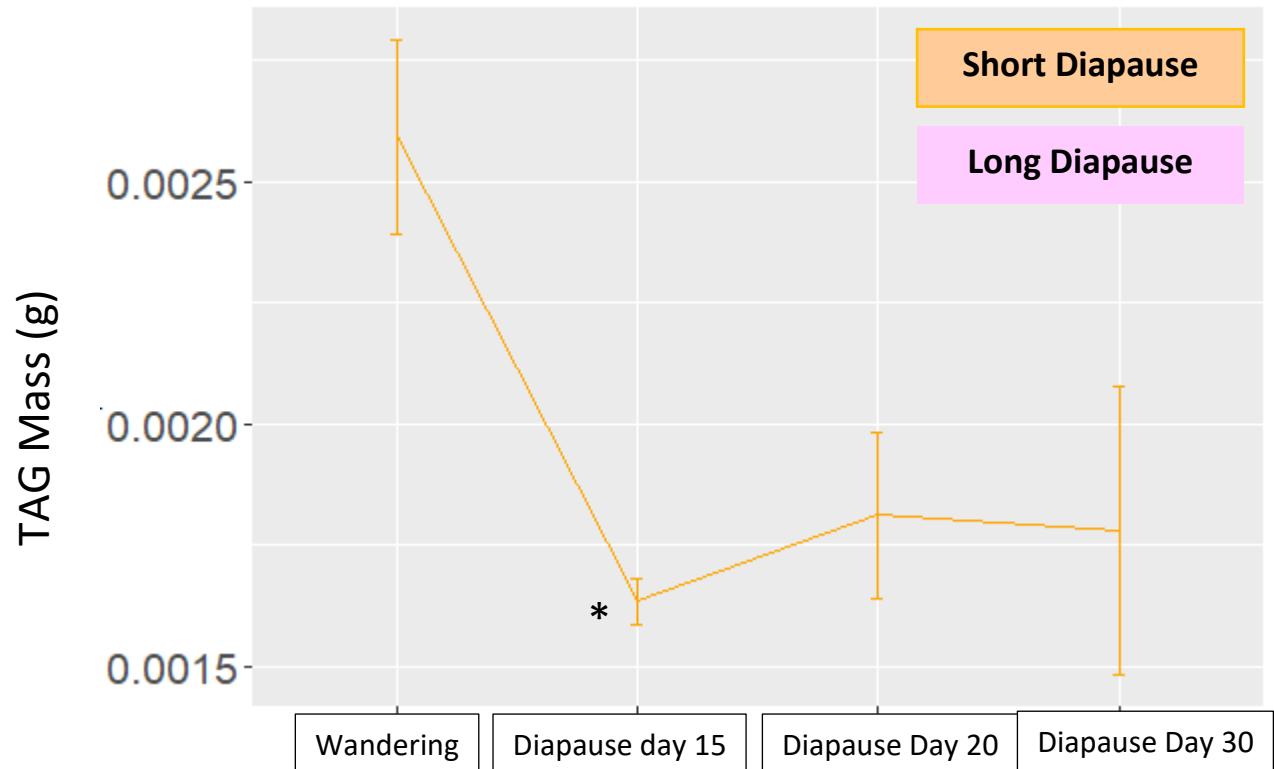
	Eliminated	Sum Sq	Mean Sq	NumDF	DenDF	F value
Pr(>F)						
sample_day	1	1.9345e-06	6.4480e-07	3	21.864	1.9311
0.1542438						
strain	0	5.0939e-06	5.0939e-06	1	170.901	15.2814
0.0001333 ***						

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Model found:
tag_mass ~ strain + (1 | rep:batch)

Fixed effects:

	Estimate	Std. Error	df	t value	Pr(> t)	
(Intercept)	2.187e-03	1.887e-04	3.139e+01	11.592	7.09e-13	***
strainUZ	4.247e-04	1.087e-04	1.709e+02	3.909	0.000133	***



Backward reduced fixed-effect table:
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	Eliminated	Sum Sq	Mean Sq	NumDF	DenDF	F value	Pr(>F)
sample_day	0	2.622e-06	8.7401e-07	3	86.258	3.0342	0.03351 *

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Model found:
tag_mass ~ sample_day + (1 | batch)

Fixed effects:

	Estimate	Std. Error	df	t value	Pr(> t)
(Intercept)	0.0026366	0.0003847	8.0454051	6.853	0.000127 ***
sample_dayw15	-0.0004287	0.0001671	86.3225828	-2.566	0.012006 *
sample_dayw20	-0.0005015	0.0002929	89.0451303	-1.712	0.090348 .
sample_dayw30	-0.0001647	0.0003424	84.5396948	-0.481	0.631801