Supplementary Table S1. Relaxation of non-photochemical quenching significantly varies with time and between an Andean and a Mesoamerican common bean genotype. The type II wald chisqure test for the exponential NPQ decay model. NPQ relaxation/decay was monitored for 50 minutes following a drop in light levels (1500 to 100 µmol $m^{-2}s^{-1}$ PAR). The model comprised a one-phase decay, consisting of the genotype as a random variable and time a fixed variable.

Type II Wald chisquare test, Formula: NPQ ~ I(time^2) + (1 | genotype)				
Response	Chisq	Df	Pr(>Chisq)	
I(time^2)	1131.6	1	<2e-16***	
Conditional model:				
Groups	**Variance**	**Std.Dev.**		
genotype (Intercept)	0.001008	0.03175		
Residual	1.012559	1.00626		
	Estimate	**Std. Error**	**z value**	**Pr(>|z|)**
(Intercept)	2.86E+00	4.05E-02	70.44	<2e-16***
I(time^2)	-4.21E-04	1.25E-05	-33.64	<2e-16***
Coefficients				
Genotype	**(Intercept)**	**I(time^2)**		
Calima	2.83254	-0.0004213		
Jamapa	2.877398	-0.0004213		
Signif. codes : 0 '*' 0.001 '**' 0.01 '*' 0.05**				