

	Bigenic		Non-transgenic		Two-way ANOVA			Post-hoc analysis	
	Off-dox	On-dox	Off-dox	On-dox	Genotype	Treatment	Interaction	Off-dox	On-dox
Hist1h3	2.11 ± 0.18	1.39 ± 0.33	0.88 ± 0.10	1.10 ± 0.05	0.0020	0.7239	0.0102	***	ns
Hist1h4	1.45 ± 0.05	1.17 ± 0.09	0.93 ± 0.04	1.07 ± 0.04	0.0006	0.6004	0.0071	***	ns
Snrpe	0.79 ± 0.03	1.10 ± 0.05	0.95 ± 0.04	1.04 ± 0.03	0.2326	0.0160	0.0002	*	ns
Lsm11	0.68 ± 0.17	0.93 ± 0.10	0.99 ± 0.06	1.01 ± 0.05	0.0779	0.2068	0.2988	ns	ns
Nelfe	1.03 ± 0.04	1.05 ± 0.04	0.97 ± 0.03	1.02 ± 0.03	0.2879	0.3460	0.6109	ns	ns
Snrpd3	1.28 ± 0.06	1.02 ± 0.06	1.07 ± 0.03	0.94 ± 0.04	0.0127	0.0023	0.2149	*	ns

*p < 0.05,

***p < 0.001.