



**b**

term	estimate	std. error	z	p. value
$\log_{10}(D)$	1.66	0.191	8.66	$<10^{-6}$
term	estimate	std. error	z	p. value
$\log_{10}(D)$	-7.78	1.15	-6.76	$<10^{-6}$
$\log_{10}(D) * \log_{10}(t + 10)$	5.89	1.07	5.49	$<10^{-6}$
$\log_{10}(\mu)$	-1.82	0.651	-2.8	0.00505
$\log_{10}(\mu) * \log_{10}(t + 10)$	4.06	0.699	5.81	$<10^{-6}$

term	estimate	std. error	z	p. value
$\log_{10}(D)$	0.0646	0.235	0.275	0.783
$\log_{10}(\mu)$	8.58	1.42	6.05	$<10^{-6}$
$\log_{10}(\mu) * \log_{10}(t + 10)$	-1.88	0.789	-2.39	0.0171
$\log_{10}(b - 1)$	45	2.44	18.4	$<10^{-6}$
$\log_{10}(b - 1) * \log_{10}(t + 10)$	-20.7	1.23	-16.9	$<10^{-6}$

Cox proportional hazards model

D = clonal diversity; t = time (cell generations); b = mean cell division rate;  $\mu$  = driver mutation rate; s = mean driver mutation effect

Green rows contain terms with significant effects ( $p < 0.05$ )