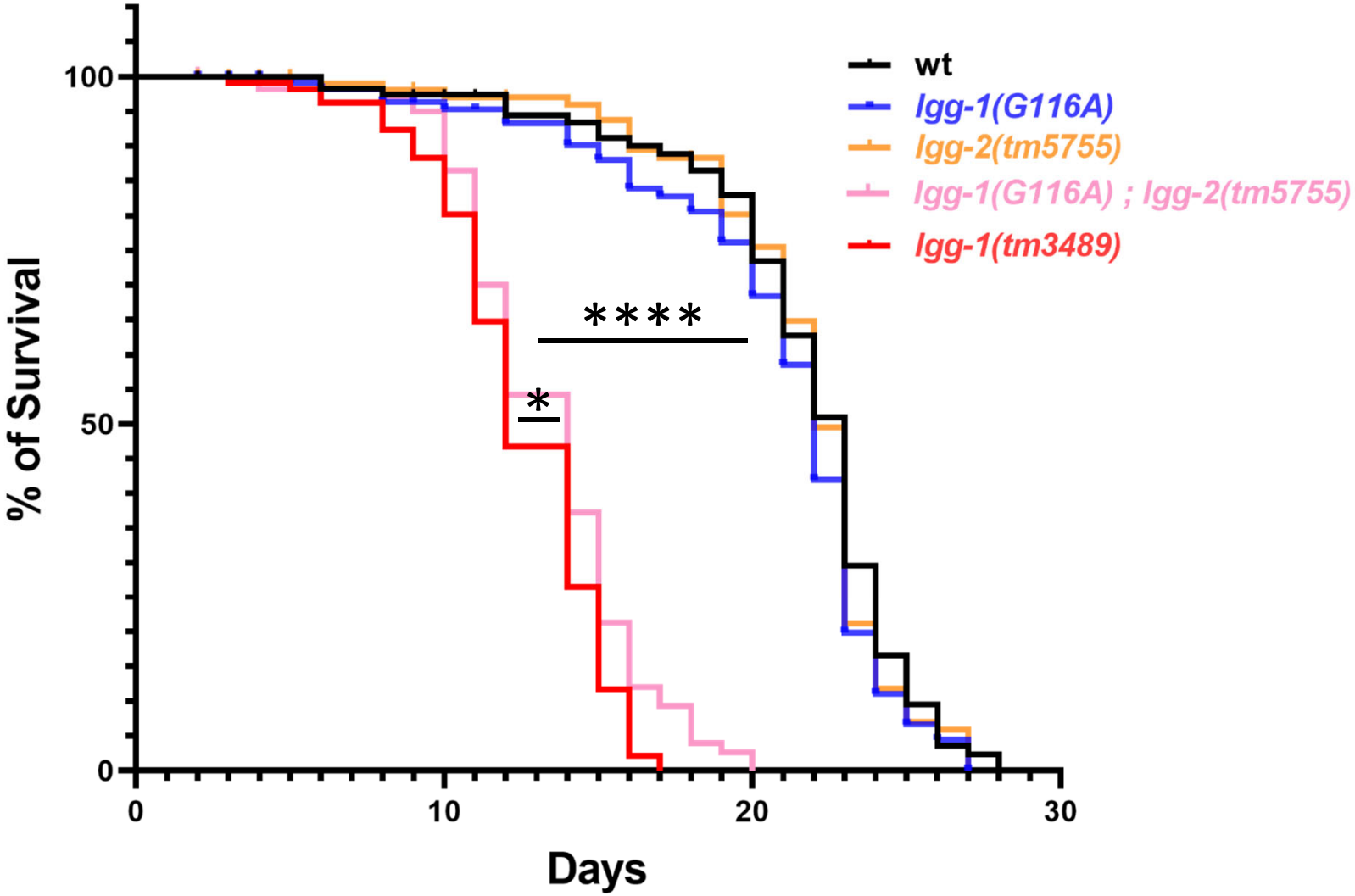
Survival analysis by Kaplan-Meier curves and log-rank (Mantel-Cox) test



lgg-1(tm3489) vs lgg-1(G116A); lgg-2(tm5755)

Comparison of Survival Curves	
Log-rank (Mantel-Cox) test	
Chi square	5.936
df	1
P value	0.0148
P value summary	*
Are the survival curves sig different?	Yes
Gehan-Breslow-Wilcoxon test	
Chi square	3.056
df	1
P value	0.0804
P value summary	ns
Are the survival curves sig different?	No

lgg-1(tm3489) vs wt

Comparison of Survival Curves	
Log-rank (Mantel-Cox) test	
Chi square	174.0
df	1
P value	<0.0001
P value summary	****
Are the survival curves sig different'	Yes
Gehan-Breslow-Wilcoxon test	
Chi square	131.5
df	1
P value	<0.0001
P value summary	****
Are the survival curves sig different'	Yes

wt vs lgg-1(G116A)

Comparison of Survival Curves	
Log-rank (Mantel-Cox) test	
Chi square	1.927
df	1
P value	0.1651
P value summary	ns
Are the survival curves sig different'	No
Gehan-Breslow-Wilcoxon test	
Chi square	1.977
df	1
P value	0.1597
P value summary	ns
Are the survival curves sig different'	No

wt vs lgg-2(tm5755)

Comparison of Survival Curves	
Log-rank (Mantel-Cox) test	
Chi square	0.2874
df	1
P value	0.5919
P value summary	ns
Are the survival curves sig different?	No
Gehan-Breslow-Wilcoxon test	
Chi square	0.1008
df	1
P value	0.7509
P value summary	ns
Are the survival curves sig different?	No

lgg-1(G116A) vs lgg-2(tm5755)

Comparison of Survival Curves	
Log-rank (Mantel-Cox) test	
Chi square	0.8623
df	1
P value	0.3531
P value summary	ns
Are the survival curves sig different?	No
Gehan-Breslow-Wilcoxon test	
Chi square	1.340
df	1
P value	0.2470
P value summary	ns
Are the survival curves sig different?	No