

File name

[[1]]

"pRFU+\_bk"

only positive

values blanked

mean square

degrees of freedom

F\* statistic

[[2]]

sum of squares

p-value

Constructs

ds\$Strain

Df	Sum Sq	Mean Sq	F value	Pr(>F)
10	304234	30423	172.5	<2e-16 ***
821	144835	176		

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

[[3]]

Single term deletions

Model:

ds\$RFU ~ ds\$Strain

residual sum of squares

Akaike criterion

	Df	Sum of Sq	RSS	AIC	F value	Pr(>F)
<none>			144835	4314.7		
ds\$Strain 10	10	304234	449069	5236.2	172.46	< 2.2e-16 ***

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

[[4]]

Tukey's post-hoc test

Tukey multiple comparisons of means  
95% family-wise confidence level

Fit: aov(formula = ds\$RFU ~ ds\$Strain, data = ds)

Constructs being compared

\$`ds\$Strain`

Difference of means

Lower value

Upper value

p-value

	diff	lwr	upr	p adj
pJP22-pAH04	38.7127675	32.1774723	45.2480626	0.0000000
pJP26-pAH04	24.4421644	18.2541277	30.6302012	0.0000000
pJP28-pAH04	34.3562374	26.4247839	42.2876909	0.0000000
pJP29-pAH04	28.3242509	15.6541679	40.9943339	0.0000000
pJP30-pAH04	46.7550937	40.5507940	52.9593934	0.0000000
pJP31-pAH04	40.2234138	34.0191141	46.4277135	0.0000000
pJP32-pAH04	43.7700490	36.9147970	50.6253011	0.0000000
pJP33-pAH04	39.1542391	32.8639138	45.4445644	0.0000000
pJP34-pAH04	-17.5191213	-24.3143699	-10.7238726	0.0000000
pJP35-pAH04	31.4192222	25.1814816	37.6569628	0.0000000
pJP26-pJP22	-14.2706030	-20.8058982	-7.7353078	0.0000000
pJP28-pJP22	-4.3565301	-12.5617869	3.8487268	0.8283929
pJP29-pJP22	-10.3885166	-23.2317750	2.4547419	0.2446748
pJP30-pJP22	8.0423262	1.4916302	14.5930223	0.0038639
pJP31-pJP22	1.5106463	-5.0400497	8.0613424	0.9996628
pJP32-pJP22	5.0572816	-2.1129879	12.2275511	0.4510688
pJP33-pJP22	0.4414717	-6.1907585	7.0737018	1.0000000
pJP34-pJP22	-56.2318887	-63.3448128	-49.1189646	0.0000000
pJP35-pJP22	-7.2935453	-13.8759227	-0.7111678	0.0161204
pJP28-pJP26	9.9140730	1.9826194	17.8455265	0.0029065
pJP29-pJP26	3.8820864	-8.7879965	16.5521694	0.9961295
pJP30-pJP26	22.3129292	16.1086296	28.5172289	0.0000000
pJP31-pJP26	15.7812494	9.5769497	21.9855490	0.0000000
pJP32-pJP26	19.3278846	12.4726326	26.1831366	0.0000000
pJP33-pJP26	14.7120747	8.4217494	21.0023999	0.0000000
pJP34-pJP26	-41.9612857	-48.7565344	-35.1660370	0.0000000
pJP35-pJP26	6.9770578	0.7393171	13.2147984	0.0143259
pJP29-pJP28	-6.0319865	-19.6388656	7.5748926	0.9404727
pJP30-pJP28	12.3988563	4.4547081	20.3430045	0.0000310