





			Qua	ntile no	rma	lizat	tion				
	S1	S2	S3	R1	R2	R3		Q1	Q2		Q3
Gene A	10.2	11.2	10.9	3	1	4		10.6	11.9		10.3
Gene B	9.6	10.7	8.9	5	2	6		9.6	11.2		9.2
Gene C	12.7	7.8	11.7	1	9	1		11.9	7.6		11.9
Gene D	9.5	10.0	9.9	6	4	5		9.2	10.3		9.6
Gene F	11.3	9.2	11 1	2	7	3		11.2	8.8		10.6
Gene E	77	77	65	q	10	10		7.6	6.7		67
Gene G	59	93	7.8	10	6	8		67	9.7		8.1
Gene U	0.0	9.5	7.0	7	0	7		0.7	9.2		0.1
	0.0	0.2	0.4		0 -			0.0	0.1		0.0
Gene I	10.1	9.4	11.6	4	5	2		10.3	9.6		71.2
Gene J	8.2	10.6	7.2	8	3	9		8.1	10.6		7.6
								S1	S2	S3	Avg
<u> </u>			~ ~ ~				Rank 1	12.7	11.2	11.7	11.9
Step 1:	Mea	n or Mediar	n Center Sa	amples			Rank 2	11.3	10.7	11.6	11.2
							Rank 3	10.2	10.6	11.1	10.6
Step 2:	Ran	k each Gen	e within ea	ch Sample	;		Rank 4	10.1	10	10.9	10.3
							Rank 5	9.6	9.4	9.9	9.6
Stop 2	Com	nuto avora	an of oach	Popk			Rank 6	9.5	9.3	8.9	9.2
Step 5.	COII	ipute average	ye or each	Nalik			Rank 7	8.8	9.2	8.4	8.8
							Rank 8	8.2 7.7	ŏ.∠ 7.8	7.8	8.1
Step 4:	Rea	ssign Avera	ge Rank to	each Gen	е		Rank 10	5.9	7.7	6.5	6.7































and the second	
> summary(	$\frac{\text{Pf Sum Sa Maan Sa F yalua Pr(SF)}{\text{Pf Sum Sa Maan Sa F yalua Pr(SF)}}$
othn	1 0.0070 0.00600 0.708 0.400
weight	1 0 0015 0 00153 0 155 0 698
visit	3 0 0175 0 00585 0 593 0 626
nerson	5 0 7668 0 15335 15 545 1 92e-06 ***
Residuals	21 0 2072 0 00987
Signif. co	des: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
> fit3 <- a	aov(SV3 ~ ethn + weight + visit + person, data=phEIGHT)
> summary(	fit3)
	Df Sum Sq Mean Sq F value Pr(>F)
ethn	1 0.5516 0.5516 74.451 2.4e-08 ***
weight	1 0.0005 0.0005 0.061 0.806947
visit	3 0.0188 0.0063 0.846 0.483938
person	5 0.2735 0.0547 7.383 0.000392 ***



