

Table S1. Number of reads with significant Blast hits against *E. coli*, phage and yeast sequences for libraries pyrosequenced by Roche 454

Library codes are as in Table 4.

Library code	454	<i>E. coli</i>	Phage	Yeast
I	FLX	0	0	0
II	FLX	0	0	1
III	FLX	0	0	0
IV	FLX	0	0	2
V	FLX	0	0	3
VI	FLX	0	0	0
VII	FLX	0	0	3
VIII	FLX	0	0	4
IX	Titanium	73	45	1
X	Titanium	83	25	1
XI	Titanium	134	71	0
XII	Titanium	93	63	4
XIII	Titanium	99	35	3
XIV	Titanium	96	45	0