

(a)

Chromato-panning		Tube panning	
Round 1 (h)		Round 1 (h)	
Column equilibration	0.25	Target coating	18
On column panning	1	Wash-postcoat	2.25
		Phage incubation	20
On column infection	0.50	Washing / elution	0.50
		Infection	0.50
Elution	0.25	Plating / amplification	18
Plating / amplification	18		
Phage recovery	3	Phage recovery	3
Time	~ 23h	~ 62h	
No additional panning rounds are needed		2 additional panning rounds are performed	
		Phage incubation R2/3	2.50
TOTAL TIME	~ 23h	~ 152h	

(b)

Microtiter plate ²²		Microtiter plate ²³		RISE²⁴	
Round 1 (h)		Round 1 (h)		Round 1 (h)	
Target incubation	18	Target incubation	2	Target incubation	18
Wash-postcoat	2.25	Wash-postcoat	1.5	Wash-postcoat	4
Phage incubation	1	Phage incubation	1	Cell growth tubes	3
Wash-elution	0.5	Wash-elution	2.25	Infection	3
Infection		Infection		Wash	0.5
- amplification	4.5	- amplification	5	Cell/phage/target	
Phage recovery	0.5	Phage recovery	18	incubation	16
				Phage recovery	0.5
Time	~ 27h	~ 30h		~ 45h	
2 additional panning rounds		2 additional panning rounds		3 additional panning rounds	
TOTAL TIME	~ 81h	~ 90h		~ 180h	

Table 2.

