

**Table S1. Size exclusion chromatography analysis (Superdex 200)**

Sample injected	Number of peaks	V <sub>R</sub> peak 1 [ml]	Components peak 1*	V <sub>R</sub> peak 2 [ml]	Components peak 2*
Mpp6	1	1.48	Mpp6		
Mtr4	1	1.24	Mtr4		
Mtr4 + Mpp6	2	1.23	Mtr4	1.46	Mpp6
Rrp6 <sub>ΔNLS</sub> /Rrp47	1	1.20	Rrp6 <sub>ΔNLS</sub> /Rrp47		
Mtr4 + Rrp6 <sub>ΔNLS</sub> /Rrp47 + Mpp6	2	1.13	Mtr4/Rrp6 <sub>ΔNLS</sub> /Rrp47	1.46	Mpp6
Rrp6 <sub>ΔN</sub>	1	1.25	Rrp6 <sub>ΔN</sub>		
Exo-9	1	1.13	Exo-9		
Exo-9 + Rrp6 <sub>ΔN</sub> + Mtr4	2	1.08	Exo-9/Rrp6 <sub>ΔN</sub>	1.23	Mtr4
Exo-9 + Rrp6 <sub>ΔNLS</sub> /Rrp47	1	1.05	Exo-9/Rrp6 <sub>ΔNLS</sub> /Rrp47		
Exo-9 + Rrp6 <sub>ΔNLS</sub> /Rrp47 + Mtr4	1	1.02	Exo-9/Rrp6 <sub>ΔNLS</sub> /Rrp47/Mtr4		
Rrp44	1	1.31	Rrp44		
Exo-9 + Mtr4 + Mpp6	2	1.09	Exo-9/Mpp6	1.21	Mtr4
Exo-9 + Rrp6 <sub>ΔNLS</sub> /Rrp47 + Mtr4 + Mpp6	1	1.01	Exo-9/Rrp6 <sub>ΔNLS</sub> /Rrp47/Mtr4/Mpp6		
Exo-9 + Rrp44 + Rrp6 <sub>ΔNLS</sub> /Rrp47 + Mtr4 + Mpp6	1	1.01	Exo-9/Rrp44/Rrp6 <sub>ΔNLS</sub> /Rrp47/Mtr4/Mpp6		
Rrp6 <sub>N</sub> /Rrp47 <sub>ΔC</sub>	1	1.52	Rrp6 <sub>N</sub> /Rrp47 <sub>ΔC</sub>		
Mtr4 <sub>Δ80</sub>	1	1.31	Mtr4 <sub>Δ80</sub>		
Mtr4 <sub>Δ80</sub> + Rrp6 <sub>N</sub> /Rrp47 <sub>ΔC</sub>	2	1.31	Mtr4 <sub>Δ80</sub>	1.51	Rrp6 <sub>N</sub> /Rrp47 <sub>ΔC</sub>
Mtr4 + Rrp6 <sub>N</sub> /Rrp47 <sub>ΔC</sub>	2	1.22	Mtr4/Rrp6 <sub>N</sub> /Rrp47 <sub>ΔC</sub>	1.51	Rrp6 <sub>N</sub> /Rrp47 <sub>ΔC</sub> <sup>†</sup>
Mtr4 <sub>80</sub>	1	1.57	Mtr4 <sub>80</sub>		
Mtr4 <sub>80</sub> + Rrp6 <sub>N</sub> /Rrp47 <sub>ΔC</sub>	1	1.43	Mtr4 <sub>80</sub> /Rrp6 <sub>N</sub> /Rrp47 <sub>ΔC</sub>		
Rrp6 <sub>N</sub>	1	1.56	Rrp6 <sub>N</sub>		
Rrp47 <sub>ΔC</sub>	1	1.46	Rrp47 <sub>ΔC</sub>		
Mtr4 + Rrp6 <sub>N</sub>	2	1.23	Mtr4	1.56	Rrp6 <sub>N</sub>
Mtr4 + Rrp47 <sub>ΔC</sub>	2	1.24	Mtr4	1.46	Rrp47 <sub>ΔC</sub>
<i>N.crassa</i> Mtr4	1	1.20	<i>N.crassa</i> Mtr4		
<i>N.crassa</i> Mtr4 + Rrp6 <sub>N</sub> /Rrp47 <sub>ΔC</sub>	2	1.18	<i>N.crassa</i> Mtr4/Rrp6 <sub>N</sub> /Rrp47 <sub>ΔC</sub>	1.50	Rrp6 <sub>N</sub> /Rrp47 <sub>ΔC</sub> <sup>†</sup>

\* identified by SDS-PAGE

† excessive free component