Supplementary Data for

Dual Tagging As an Approach to Isolate Endogenous Chromatin Remodeling Complexes from *Saccharomyces Cerevisiae*

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Running title: Dual Tagging of Yeast RSC

Table S1. Primers used in this study

Primer Name	Sequence
KlLEU2-for	CATCCGAACATAAACAACCATGTCTAAGAATATCGTTG
KlLEU2-rev	TCTGATATCCAATCACATCTGGACAAGCAAATTTCC
ScADH1term-for	TATGTCGACCGCCACTTCTAAATAAGCGAATTTC
AgTEFprom-rev	CAACGATATTCTTAGACATGGTTGTTTATGTTCGGATG
ProtA_for	TGCTAGCGAGAATTTGTATTTTCAGGGTGAGCTCAAAACCGCGGCTCT
ProtA_rev	GCTGTCGACTCAGGTTGACTTCCCCGCGGAATTCGCG
FLAG_for	CTGCTAATAGATTTAAGAAAATTTCTTCTTCTGGTGCTTTGTCTGCTTCT GGTTCTGACTACAAAGACCATG
FLAG_rev	TACAAATTCTCGCTAGCAGTAGTTGGAATATCATAATCCTTGTCATCGTC ATCCTTGTAATCGATG
FLAG_protA	TTGAAGCTTGGTTCTGGTTCTGGTAAAAGAAGATGGAAGAAGAATTTTAT TGCTGTTTCTGCTGCTAATAGATTTA
3xFLAG_only_for	GGCAAGCTTTCTGCTTCTGGTTCTGACTAC
3xFLAG_only rev	AGAGTCGACTTACTTGTCATCGTCATCCTTG
Sth1_Twin_for	AAATGAGTTTACTGATGAATGGTTCAAGGAACACTCTTCGAGCGCTTGGT CGCATCCAC
Sth1_Twin_rev	GGCTAGAAAGAGTATTAGAGGGGAAAGGGATATAGTCGTAGGGCCCATG TTTGATAC
Sth1_check_for	TTGAAAAGCTTCCTTCG
TRP1_check_rev	TCATTTACTTGGGTACTCT
Rsc4_triple_for	CTCATGAAACGGAATTCATGAATTTCTGGATAAATGTCTTACCAGGTTCTG GTTCTGGTA
Rsc4_triple_rev	CATGCATATGATGGGAAGACTATGAAGAGAGAGATAGTCACAATCACATC TGGAC
Rsc4_FLAG_for	CTCATGAAACGGAATTCATGAATTTCTGGATAAATGTCTTACCATCTGCTT CTGGTTCTGAC

Rsc4_check_for	ATTGTTGGTAACGATAATGATAAACG
LEU2_check_rev	CAGTAACTTCTTTACCGACGTG
Nucleosome_for	Cy5-TGTGGGCCCTTCAGCACCAC
Nucleosome_rev	Cy5-GCTTCCGGCTCGTATGTTGTGTG

Table S2. Mass spectrometric protein analysis listing all detected proteins.

Listed is the protein name along with its GI number and theoretical molecular weight. For the four samples (TEV eluate, Strep-Tactin elution fraction 2 and elution fraction 3 as well as the peak glycerol gradient fraction), the total spectrum count (TSC), the exclusive unique peptide count (EUP) and the sequence coverage in % (SC%) are given. RSC core proteins are indicated in red.

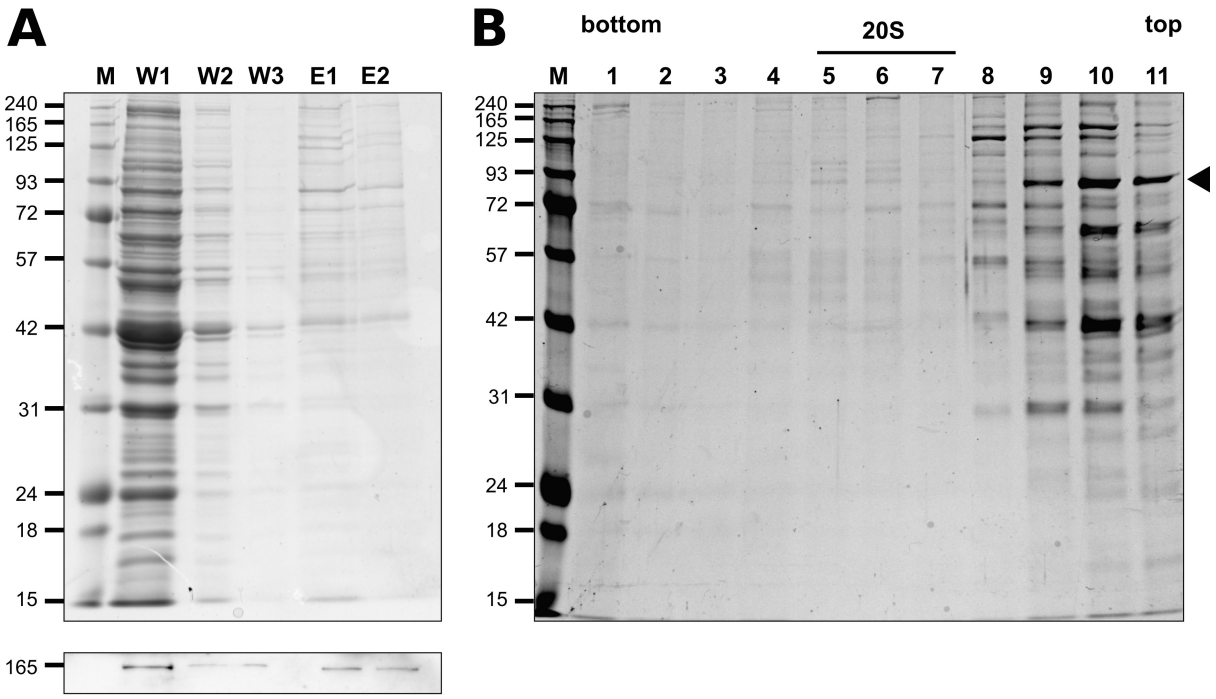

Figure S1: Purification of 3xFLAG-tagged Rsc4 complexes using anti-FLAG affinity selection. **A.** Affinity selection of 3xFLAG-tagged Rsc4 complexes. Shown is a Coomassie-stained gel after SDS-PAGE (top) and Western blotting analysis of the corresponding samples using anti-Sth1 antibodies (bottom). M, marker; W1 – W3, wash fractions; E1 and E2, eluate fractions. **B.** Glycerol gradient ultracentrifugation of the anti-FLAG M2 eluate after a single step purification. Coomassie-stained gel after SDS-PAGE of glycerol gradient fractions. Rsc4 is indicated by an arrowhead. Lanes 1–11 represent glycerol gradient fractions 1–11, respectively; “M” indicates the marker. “Top” and “bottom” indicate the top and bottom fraction of the glycerol gradient, respectively.

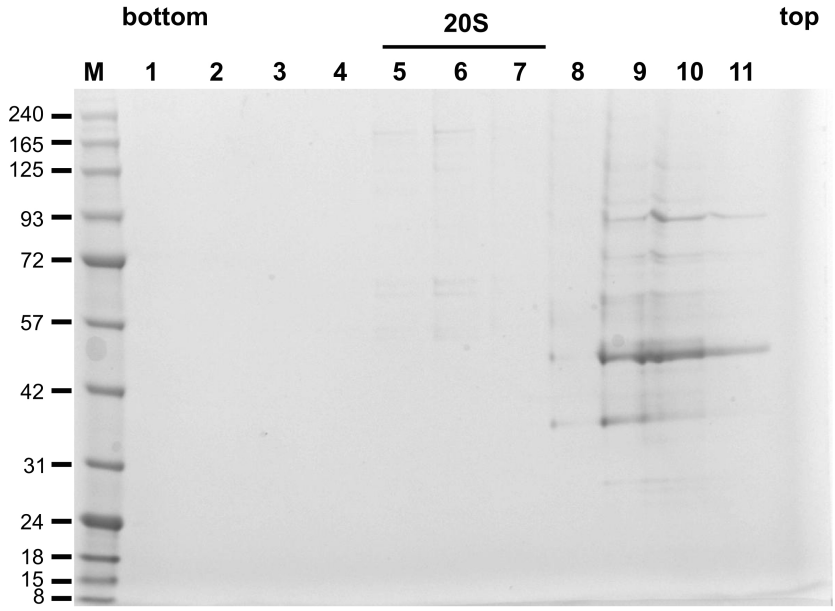

Figure S2: Glycerol Gradient Ultracentrifugation of the TEV Eluate after a single step purification. Coomassie-stained gel after SDS-PAGE of glycerol gradient fractions (compare also Figure 5 of the main manuscript). Lanes 1–11 represent glycerol gradient fractions 1–11, respectively; “M” indicates the marker. “Top” and “bottom” indicate the top and bottom fraction of the glycerol gradient, respectively.