

S1 Table. Protein structural coordinates used for the Ran GTPase analysis in Fig 4.

| PDB | S | Description | Resol. (Å) |
|--------------|----------|---|-------------------|
| 1A2KC | 79 | Gdpran-Ntf2 Complex | 2.5 |
| 1A2KD | 83 | Gdpran-Ntf2 Complex | 2.5 |
| 1A2KE | 85 | Gdpran-Ntf2 Complex | 2.5 |
| 1IBRA | 82 | Complex Of Ran With Importin Beta | 2.3 |
| 1IBRC | 81 | Complex Of Ran With Importin Beta | 2.3 |
| 1K5DA | 70 | Ran-Gppnhp-Ranbp1-Rangap Complex | 2.7 |
| 1K5DD | 71 | Ran-Gppnhp-Ranbp1-Rangap Complex | 2.7 |
| 1K5DG | 69 | Ran-Gppnhp-Ranbp1-Rangap Complex | 2.7 |
| 1K5DJ | 73 | Ran-Gppnhp-Ranbp1-Rangap Complex | 2.7 |
| 1K5GA | 95 | Ran-Gdp-Alfx-Ranbp1-Rangap Complex | 3.1 |
| 1K5GD | 96 | Ran-Gdp-Alfx-Ranbp1-Rangap Complex | 3.1 |
| 1K5GG | 93 | Ran-Gdp-Alfx-Ranbp1-Rangap Complex | 3.1 |
| 1K5GJ | 95 | Ran-Gdp-Alfx-Ranbp1-Rangap Complex | 3.1 |
| 3A6PC | 73 | Exportin-5:rangtp:pre-Mirna Complex | 2.92 |
| 3A6PH | 77 | Exportin-5:rangtp:pre-Mirna Complex | 2.92 |
| 4GPTA | 84 | Kpt251 With Crm1-ran-ranbp1 | 2.22 |
| 4GMXA | 78 | Kpt185 With Crm1-Ran-Ranbp1 | 2.1 |
| 4HATA | 77 | Crm1 Inhibitor Leptomycin B With Crm1- Ran-ranbp1 | 1.78 |
| 4HAUA | 96 | Crm1 Inhibitor Rafjadone A With Crm1- Ran-ranbp1 | 2 |
| 4HAVA | 76 | Crm1 Inhibitor Anguinomycin A With Crm1-ran-ranbp1 | 2 |
| 4HAWA | 78 | Crm1 Inhibitor Leptomycin B With Crm1(K548A)-ran-ranbp1 | 1.9 |
| 4HAXA | 84 | Crm1 Inhibitor Rafjadone A With Crm1(K579A)-ran-ranbp1 | 2.28 |
| 4HAYA | 70 | Crm1 Inhibitor Leptomycin B With Crm1(K548E,K579Q)-ran-ranbp1 | 2.3 |
| 4HAZA | 83 | Crm1 Inhibitor Leptomycin B With Crm1(R543S,K548E,K579Q)-ran-ranbp1 | 1.9 |
| 4HB0A | 79 | Crm1 Inhibitor Leptomycin B With Crm1(K541Q,K542Q,R543S,K545Q,K548Q,K579Q)-ran-ranbp1 | 2.2 |
| 4HB2A | 83 | Crm1-ran-ranbp1 | 1.8 |
| 4HB3A | 76 | Crm1(t539s)-ran-ranbp1 With Weakly Bound Unmodeled Leptomycin B | 2.8 |
| 4HB4A | 78 | Crm1 Inhibitor Leptomycin B With Crm1(537dltkv541/glceq)-ran-ranbp1 | 2.05 |
| 4OLOA | 99 | Transportin-sr2, A Karyopherin Involved In Human Disease, In Complex With Ran | 2.9 |
| 4VVFA | 75 | Kpt276 In Complex With Crm1-ran-ranbp1 | 1.8 |
| 5CIQA | 85 | Ran Gdp Wild Type Tetragonal Crystal Form | 1.65 |
| 5CIQB | 94 | Ran Gdp Wild Type Tetragonal Crystal Form | 1.65 |
| 5CITA | 91 | Ran Gdp Wild Type Monoclinic Crystal Form | 1.75 |
| 5CITB | 92 | Ran Gdp Wild Type Monoclinic Crystal Form | 1.75 |
| 3GJ0A | 82 | Human Rangdp | 1.48 |
| 3GJ0B | 74 | Human Rangdp | 1.48 |
| 3GJ3A | 97 | Human Rangdp-Nup153znf2 Complex | 1.79 |
| 5DH9A | 74 | Pki Nes Flip Mutant Peptide In Complex With Crm1- Ran-ranbp1 | 2.55 |
| 5DHAA | 73 | Cpeb4 Nes Reverse Mutant Peptide In Complex With Crm1-ran-ranbp1 | 2.95 |
| 5DHFA | 72 | Hrio2 Nes Peptide In Complex With Crm1-ran-ranbp1 | 2.29 |
| 5DI9A | 76 | Hrio2 Nes Reverse Mutant Peptide In Complex With Crm1-ran-ranbp1 | 2.28 |
| 5DIFA | 75 | Cpeb4 Nes Peptide In Complex With Crm1-ran-ranbp1 | 2.09 |
| 5JLJA | 75 | Kpt8602 In Complex With Crm1-ran-ranbp1 | 2.5 |
| 5UWHA | 68 | Paxillin Nes Peptide In Complex With Crm1-ran- Ranbp1 | 2.26 |
| 5UWIA | 62 | Hdac5 Nes Peptide In Complex With Crm1-ran-ranbp1 | 2.14 |
| 5UWJA | 65 | Fmrp Nes Peptide In Complex With Crm1-ran-ranbp1 | 2.22 |
| 5UWOA | 71 | Engineered Fmrp-1b Nes Peptide In Complex With Crm1-ran-ranbp1 | 2.35 |
| 5UWPA | 70 | Mdia2 Nes Peptide In Complex With Crm1-ran-ranbp1 | 2.05 |
| 5UWQA | 74 | Cdc7 Nes Peptide In Complex With Crm1-ran-ranbp1 | 2.28 |
| 5UWRA | 79 | Cdc7 Nes Peptide (extended) In Complex With Crm1- Ran-ranbp1 | 2.24 |
| 5UWSA | 66 | X11l2 Nes Peptide In Complex With Crm1-ran-ranbp1 | 2.4 |
| 5UWTA | 74 | Hxk2 Peptide In Complex With Crm1 K579a Mutant- Ran-ranbp1 | 2.34 |
| 5UWUA | 77 | Smad4 Nes Peptide In Complex With Crm1-ran-ranbp1 | 2.34 |
| 5UWWA | 66 | Deaf1 Peptide In Complex With Crm1 K579a Mutant- Ran-ranbp1 | 2.15 |
| 1RRPA | 72 | Ran-Gppnhp-Ranbd1 Complex | 2.96 |
| 1RRPC | 77 | Ran-Gppnhp-Ranbd1 Complex | 2.96 |
| 5CLLA | 74 | Truncated Ran Wild Type In Complex With Gdp-bef And Ranbd1 | 2.45 |
| 5CLLC | 71 | Truncated Ran Wild Type In Complex With Gdp-bef And Ranbd1 | 2.45 |
| 1WA5A | 81 | The Exportin Cse1p Complexed With Its Cargo (Kap60p) And Rangtp | 2 |
| 3W3ZB | 77 | Kap121p Bound To RanGTP | 2.7 |