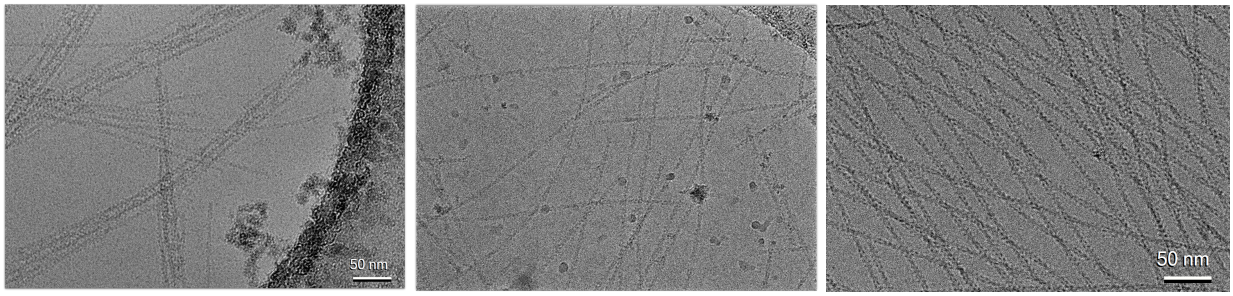

Fig. 1. Actin-bundling by the talin actin binding domain (ABD) as seen by cryoEM. Left, At a molar ratio of actin to talin ABD of 1:6, actin-bundling can easily be detected. **Middle,** At a molar ratio of actin to talin ABD of 1:4, no actin-bundling occurs. **Right,** At a molar ratio of actin to talin ABD of 1:5, no actin-bundling occurs.

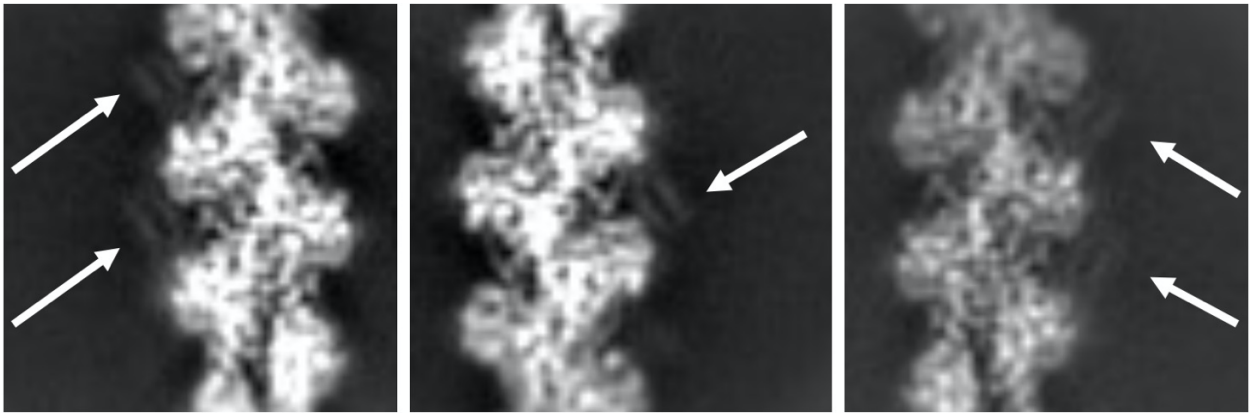

Fig. 2. 2D classes of the talin ABD bound to F-actin. We processed a preliminary data set and already found decoration of F-actin by the talin ABD (white arrows).

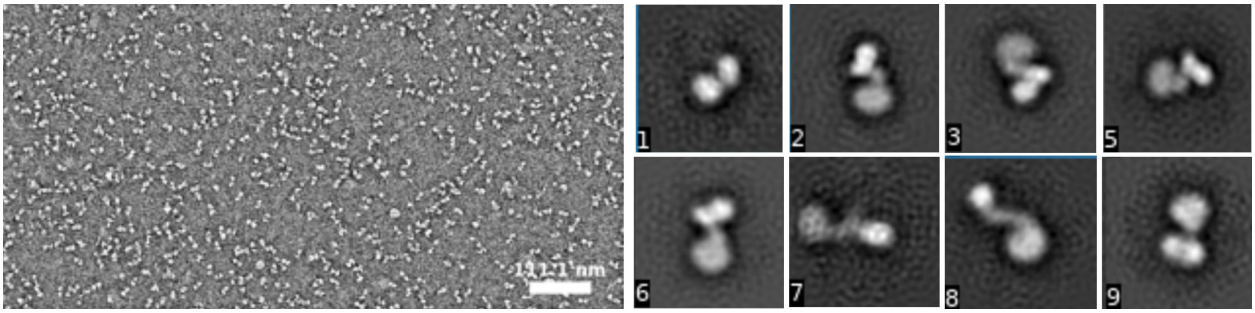

Fig. 3. Full-length integrin in lipid nanodisc. Left, Representative negative stained micrograph of purified integrin reconstituted in nanodiscs. **Right**, Select 2D class averages obtained from a small data set exhibiting clear features of full-length integrin in the lipid nanodisc.