



Figure 4, Source Data 3. Original, uncropped western blot membranes corresponding to Figure 4B. The membranes were sequentially probed with antibodies against: ANKEF1-Flag, PRM2 (sperm head marker), BASIGIN (membrane/cytosolic marker), AKAP4 (fibrous sheath marker), and acetylated tubulin (axonemal marker). For each blot, lanes correspond to: whole sperm, isolated sperm heads, and isolated sperm tails. Pre-stained protein molecular weight markers were used (See Supplementary File 2 for antibody details).