

**Table S2 Percentage of gold particles found in a normalized SC divided into 3 sections: in the proximity of the axes (0-10), midway between the axes and the middle of the central region of the SC (11-30), and in the middle of the central region of the SC (31-50).**

| Primary Antibody | 0-10   | 11-30  | 31-50  |
|------------------|--------|--------|--------|
| SYP-1-N (n= 63)  | 30.2 % | 4.8 %  | 65 %   |
| SYP-2-C (n= 44)  | 18.2 % | 11.4 % | 70.4 % |
| SYP-3-C (n= 27)  | 85.2 % | 0 %    | 14.8 % |
| SYP-4-N (n= 51)  | 9.8%   | 23.5 % | 66.7 % |
| HTP-3 (n= 25)    | 88 %   | 0 %    | 12 %   |