

Supporting Information Table-6: Quantification of positive cells. Cells were immunostained to visualize each protein of interest. Ciliated and non-ciliated cells were counted and the percentage of positive cells was calculated.

| Protein name | Total # of cell counted | Number of ciliated cells | Number of non-ciliated cells | Positive of ciliated cells (%) | Positive non-ciliated cells (%) |
|---------------------|--------------------------------|---------------------------------|-------------------------------------|---------------------------------------|--|
| ERICH3 | 103 | 66 | 37 | 100 | 0 |
| CFAP77 | 80 | 49 | 31 | 100 | 0 |
| SPACA9 | 112 | 53 | 59 | 100 | 0 |
| C1orf87 | 98 | 50 | 43 | 100 | 0 |
| CCDC181 | 100 | 40 | 60 | 100 | 0 |
| CCDC173 | 109 | 58 | 51 | 100 | 0 |
| CFAP61 | 67 | 33 | 34 | 100 | 0 |
| CCDC17 | 104 | 47 | 57 | 100 | 0 |