**Table S2: List of primary antibodies used for immunostaining**

|  |  |  |
| --- | --- | --- |
| **Primary antibody** | **Dilution** | **Details** |
| JARID2 | 1:50 | 711445 (Invitrogen) |
| AKT3 | 1:50 | MA1-41201 (Invitrogen) |
| β-Catenin | 1:200 | Ab16051 (Abcam) |
| Active β-Catenin | 1:200 | 05-665 (Merck Millipore) |
| AXIN2 | 1:20 | MAB6078 (R&D Systems) |
| Cx43 | 1:100 | C6219 (Sigma) |
| ABCG2 | 1:20 | MAB4146 (Merck Millipore) |
| p63α | 1:100 | 4892 (Cell Signaling) |