**Supplemental Table-S1 A list of genes identified from the literature with known function in exosome biogenesis**

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| **Group** | **Gene symbol** | **Gene name** |
| **ESCRT-0** | STAM1  STAM2  VPS27 | Signal transducing adaptor molecule 1  Signal transducing adaptor molecule 2  Vacuolar protein sorting 27 homolog |
| **ESCRT-I** | MVB12  PDCD6IP  TSG101  UBAP1  VPS28  VPS37 | Multivesicular body subunit 12  Programmed cell death 6 interacting protein  Tumor susceptibility gene 101  Ubiquitin associated protein 1  VPS28, ESCRT-I subunit  VPS37, ESCRT-I subunit |
| **ESCR-II** | SNF8 (EAP30)  VPS25 (EAP20)  VPS36 (EAP45) | SNF8, ESCRT-II complex subunit  Vacuolar protein sorting 25 homolog  Vacuolar protein sorting 36 homolog |
| **ESCRT-III** | CHMP6  IST1  VPS4A  VTA1 (LIP5) | Charged multivesicular body protein 6  IST1, ESCRT-III associated factor  Vacuolar protein sorting 4 homolog A  Vesicle trafficking 1 |
| **Rab-kinases** | RAB5a  Rab11  RAB27A  RAB27B  Rab35  Rab36  TBC1D10A (EPI64) | RAB5A, member RAS oncogene family  RAB11, member RAS oncogene family  RAB27A, member RAS oncogene family  RAB27B, member RAS oncogene family  RAB35, member RAS oncogene family  RAB36, member RAS oncogene family  TBC1 domain family member 10A |
| **Exosome-associated genes** | CD9  CD63  CD81  CHMP4C  DCT (TYRP2)  EPCAM  FLOT1  **FLOT2**  HSP4A  HSP90AA1  MMP2  MMP9  MMP14  STEAP3 | CD9 molecule  CD63 molecule  CD81 molecule  Charged multivesicular body protein 4C  Dopachrome tautomerase  Epithelial cell adhesion molecule  Flotillin 1  **Flotillin 2**  Heat shock protein family A (Hsp70) member 4  Heat shock protein 90 α family class A member 1  Matrix metallopeptidase 2  Matrix metallopeptidase 9  Matrix metallopeptidase 14  STEAP3 metalloreductase |