**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** | STAM1STAM2VPS27 | Signal transducing adaptor molecule 1 Signal transducing adaptor molecule 2 Vacuolar protein sorting 27 homolog |
| **ESCRT-I** | MVB12PDCD6IPTSG101UBAP1VPS28VPS37 | Multivesicular body subunit 12Programmed cell death 6 interacting proteinTumor susceptibility gene 101Ubiquitin associated protein 1VPS28, ESCRT-I subunitVPS37, ESCRT-I subunit |
| **ESCR-II** | SNF8 (EAP30)VPS25 (EAP20)VPS36 (EAP45) | SNF8, ESCRT-II complex subunitVacuolar protein sorting 25 homologVacuolar protein sorting 36 homolog |
| **ESCRT-III** | CHMP6IST1VPS4AVTA1 (LIP5) | Charged multivesicular body protein 6IST1, ESCRT-III associated factorVacuolar protein sorting 4 homolog AVesicle trafficking 1 |
| **Rab-kinases** | RAB5aRab11RAB27ARAB27BRab35Rab36TBC1D10A (EPI64) | RAB5A, member RAS oncogene familyRAB11, member RAS oncogene familyRAB27A, member RAS oncogene familyRAB27B, member RAS oncogene familyRAB35, member RAS oncogene familyRAB36, member RAS oncogene familyTBC1 domain family member 10A |
| **Exosome-associated genes** | CD9CD63CD81CHMP4CDCT (TYRP2)EPCAMFLOT1**FLOT2**HSP4AHSP90AA1MMP2MMP9MMP14STEAP3 | CD9 moleculeCD63 moleculeCD81 moleculeCharged multivesicular body protein 4CDopachrome tautomeraseEpithelial cell adhesion moleculeFlotillin 1**Flotillin 2**Heat shock protein family A (Hsp70) member 4Heat shock protein 90 α family class A member 1Matrix metallopeptidase 2Matrix metallopeptidase 9Matrix metallopeptidase 14STEAP3 metalloreductase |