

| Target | Duplex 1 | Duplex 2 | Target | Duplex 1 | Duplex 2 |
|--------|----------|----------|----------|----------|----------|
| RAB1A | s229381 | s11658 | RAB23 | s28567 | s28568 |
| RAB1B | s117 | s119 | RAB24 | s28803 | s28804 |
| RAB2A | s11660 | s11661 | RAB25 | s32700 | s32701 |
| RAB2B | s39689 | s39688 | RAB26 | s24590 | s24591 |
| RAB3A | s11666 | s11667 | RAB27A | s11693 | s11694 |
| RAB3B | s11669 | s11671 | RAB27B | s11696 | s11697 |
| RAB3C | s41884 | s41885 | RAB28 | s17910 | s17911 |
| RAB3D | s18326 | s18327 | RAB30 | s26136 | s26137 |
| RAB4A | s11675 | s11676 | RAB31 | s21731 | s21732 |
| RAB4B | s28800 | s28801 | RAB32 | s21618 | s21619 |
| RAB5A | s11678 | s11679 | RAB33A | s17907 | s17908 |
| RAB5B | s11681 | s11682 | RAB33B | s37937 | s37938 |
| RAB6A | s11685 | s11686 | RAB34 | s38244 | s38245 |
| RAB6B | s28326 | s28327 | RAB35 | s21707 | s21708 |
| RAB6C | s38489 | s38490 | RAB36 | s18461 | s18462 |
| RAB7A | s15442 | s15443 | RAB37 | s50262 | s50263 |
| RAB7B | s50333 | s50334 | RAB38 | s24319 | s24320 |
| RAB8A | s8679 | s8680 | RAB39 | s29359 | s29360 |
| RAB8B | s28633 | s28634 | RAB39B | s42008 | s42009 |
| RAB9A | s17916 | s17917 | RAB40A | s44480 | s44481 |
| RAB9B | s27691 | s27692 | RAB40B | s21588 | s21589 |
| RAB10 | s21390 | s21391 | RAB40C | s33729 | s33730 |
| RAB11A | s16702 | s16703 | RAB41 | s51268 | s51269 |
| RAB11B | s17647 | s17648 | RAB42 | s41781 | s41782 |
| RAB12 | s47368 | s47369 | RAB43 | s50452 | s50453 |
| RAB13 | s11690 | s11691 | | | |
| RAB14 | s28311 | s28312 | NMHCIIA | s223 | s224 |
| RAB15 | s51761 | s51762 | NMHCIIIB | s9171 | s9169 |
| RAB17 | s34608 | s34609 | BICD1 | s1982 | s1983 |
| RAB18 | s22704 | s22703 | BICD2 | s23499 | s23497 |
| RAB19 | s53588 | s53589 | KIF5B | s223974 | s223975 |
| RAB20 | s31158 | s31159 | DCTN1 | s52326 | s3973 |
| RAB21 | s22823 | s22824 | ERC1 | s22995 | s22996 |
| RAB22A | s32992 | s32993 | KIF20A | s19676 | s19677 |

Table S1