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| Key Resources Table | | | | |
| Reagent type (species) or resource | Designation | Source or reference | Identifiers | Additional information |
| cell line (*Homo-sapiens*) | Cervical (cancerous, Adult) | (Bucci, Parton et al., 1992, Villasenor, Nonaka et al., 2015) | HeLa Kyoto | STR and mycoplasma testing: ongoing |
| Rabex5 KO cell line (*Homo-sapiens*) | Cervical (cancerous, Adult) | In house, Materials and Methods: Rabex5 Knockout and Rescue | HeLa Kyoto Rabex5 Knockout | STR and mycoplasma testing: ongoing |
| transfected  construct (*Homo sapiens*) | hRabex5 | Synthesized by GenScript | pCMV5 Flag-Smad1 | BglII and SalI sites used for ligation |
| transfected  construct (*Homo sapiens*) | hRabexLinker | Synthesized by GenScript | pCMV5 Flag-Smad1 | BglII and SalI sites used for ligation |
| transfected  construct (*Homo sapiens*) | hRabexUBD | Synthesized by GenScript | pCMV5 Flag-Smad1 | BglII and SalI sites used for ligation |
| antibody | anti-EEA1 (Rabbit polyclonal) | (Franke, Repnik et al., 2019) |  | IF (1:1000), WB (1:1000) |
| antibody | anti-HA-tag (Mouse monoclonal) | Sigma |  | IF (1:200) |
| recombinant DNA reagent | pOEM-1 N-His | Oxford Expression Technologies, This paper | Rabex5 | NotI and AscI sites used for ligation |
| recombinant DNA reagent | pOEM-1 N-His | Oxford Expression Technologies, This paper | Rabex5RpBD | NotI and AscI sites used for ligation |
| recombinant DNA reagent | pOEM-1 N-His | Oxford Expression Technologies, This paper | Rabex5UBD | NotI and AscI sites used for ligation |
| recombinant DNA reagent | pOEM-1 N-His | Oxford Expression Technologies, This paper | Rabex5Linker | NotI and AscI sites used for ligation |
| recombinant DNA reagent | pOEM-1 N-His | Oxford Expression Technologies, This paper | RabexCAT | NotI and AscI sites used for ligation |
| recombinant DNA reagent | pOEM-1 N-GST | Oxford Expression Technologies, This paper | Rabaptin5 | NotI and AscI sites used for ligation |
| software | HDX Workbench | Omics Informatics |  |  |
| chemical compound | GTPgS | Sigma | [G8634](https://www.sigmaaldrich.com/catalog/product/sigma/g8634?lang=de&region=DE) |  |
| chemical compound | GTP | Sigma | [10106399001](https://www.sigmaaldrich.com/catalog/product/roche/10106399001?lang=de&region=DE) |  |
| chemical compound | Mant-GDP | Jena Biosciences | NU-204L |  |
| chemical compound | Urea | Sigma | [U4883](https://www.sigmaaldrich.com/catalog/product/sigma/u4883?lang=de&region=DE) |  |
| chemical compound | deuterium oxide | Sigma | [151882](https://www.sigmaaldrich.com/catalog/product/aldrich/151882?lang=de&region=DE) |  |
| chemical compound | TFA | Sigma | [T6508](https://www.sigmaaldrich.com/catalog/product/sigald/t6508?lang=de&region=DE) |  |
| Rabex\_cr1 | RNA guide |  | TCTTAACAGCTTGAAGATAA |  |
| Rabex\_cr2 | RNA guide |  | ATCTTCAAGCTGTTAAGAGA |  |
| Rabex\_cr3 | RNA guide |  | AGTGAAAAAATGTATTTAGA |  |
| Rabex\_cr4 | RNA guide |  | GACGTACCCACTGCAGGGCT |  |

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