

Supplementary information for:

Phenotype-driven identification of epithelial signalling clusters

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The PDF file includes:

Supplemental Table 1. Table of hEIR phenotypes requiring special attention.

Supplemental Table 1 - *Table of hEIR phenotypes requiring special attention*

<i>Gene name</i>	<i>Note</i>	<i>Results / Figure</i>	<i>Explanation</i>	<i>References</i>	<i>Recommended actions</i>
MPP5	Inconsistent phenotypes	Figure 2	Knockdown of MPP5 yields unexpected results across experiments (with and without oncogene challenge). Phenotypes corresponding to 3 different shRNA fell into different categories: - without oncogene challenge: Loss of symmetry; Improved symmetry - with oncogene challenge: Reduced growth; Overgrowth with loss of symmetry; Overgrowth	NA	Experiments should be repeated with a new set of validated shRNA
MOBKL1A	Inconsistent phenotypes	Figure 2	Knockdown of MOBKL1A yields unexpected results across experiments (with and without oncogene challenge). Phenotypes corresponding to 2 different shRNA fell into different categories: - without oncogene challenge: Loss of symmetry; Overgrowth - with oncogene challenge: Improved symmetry; Reduced growth with improved symmetry	NA	Experiments should be repeated with a new set of validated shRNA
DVL3	Inconsistent phenotypes	Figure 2c	Knockdown of DVL3 yields unexpected results across experiments without oncogene challenge. Phenotypes corresponding to 3 different shRNA fell into different categories: - without oncogene challenge: Loss of symmetry; Overgrowth with loss of symmetry	NA	Experiments should be repeated with a new set of validated shRNA