

Supplementary Table 1. Summary of the numbers and phenotype of GEMM experiments

| Experiment | Sample size | | Summary Phenotype (<i>Gata6</i> ^{-/-}) |
|-------------------|-------------|------------------|--|
| | WT | <i>Gata6</i> -/- | |
| AdCRE K/KG | 3 | 5 | Decrease tumor burden |
| AdCRE KP/KPG | 6 | 10 | Decrease tumor burden |
| Lenti-CRE K/KG | 5 | 6 | Decrease tumor burden and progression |
| Lenti-CRE KP/KPG | 3 | 4 | Decrease tumor burden, progression and proliferation |
| CC10-CRE K/KG | 3 | 7 | Decrease tumor burden |
| CC10-CRE KP/KPG | 15 | 9 | Decrease tumor burden |
| SPC-CRE K/KG | 7 | 7 | Decrease tumor burden |
| SPC-CRE KP/KPG | 6 | 6 | Decrease tumor burden |
| TOTAL MICE | 48 | 54 | |