**Table S1. Summary of the phenotypes of adipocyte-specific *Crif1* mutant mice under the control of the Fabp4-*Cre* or Adipoq-*Cre* promoters.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Promoters | Genotypes | Viability | Crif1 protein expression\* | | Adipose mass\*\* | | Inflammation |
| WAT | BAT | WAT | BAT |
| Fabp4-*Cre* | Control (*Crif1+/+,Fabp4*) | Viable | 100% | 100% | Normal | Normal | None |
| Heterozygous (*Crif1f/+,Fabp4*) | Viable | ~50% | ~100% | Normal | Normal | Moderate  (macrophage-predominant) |
| Homozygous (*Crif1f/f,Fabp4*) | Postnatally lethal at 3 weeks | n.d. | ~ 50%  (3 weeks after birth) | ~10% | ~30% | n.d. |
| Adipoq-*Cre* | Control (*Crif1+/+,Adipoq*) | Viable | 100% | 100% | Normal | Normal | None |
| Heterozygous (*Crif1f/+,Adipoq*) | Viable | 100% | 100% | Normal | Normal | None |
| Homozygous (*Crif1f/f,Adipoq*) | Viable | ~30% | ~20% | ~50% | ~80% | Moderate to severe  (macrophages and lymphocytes) |