**Supplement File 3. Sequences and modifications of oligonucleotides for siRNA in mice**

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| --- | --- | --- |
|  | **Sense (5’-3’)**  **3' GalNAc conjugated** | **Antiense (5’-3’)**  **3' GalNAc conjugated** |
| si*Surf4*-1 | CmsCmsAmUmCfAmAfCfGfUmGmUmAmUmUmUmCmAmAm | UmsUfsGmAmAmAfUmAfCfAmCmGmUmUfGmAfUmGmGmsCmsAm |
| si*Surf4*-2 | GmsGmsAmCmAfAmUfCfCfCmGmGmUmAmUmAmUmAmAm | UmsUfsAmUmAmUfAmCfCfGmGmGmAmUfUmGfUmCmCmsAmsGm |
| siCTL | mU\*mU\*mCmUfCmCfGfAfAmC  mGmUmGmUmCmAmCmGmU | mA\*fC\*mGmUmGfAmCfAfCmGmUmUmCfGmGfAmGmAmA\*mU\*mU |