**Table S2.**

|  |  |  |
| --- | --- | --- |
|  | **Male** | **Female** |
|  | **Vehicle** | **Vit D3** | **Vehicle** | **Vit D3** |
| *Ar* relative expression |  1.00 ± 0.02 |  3.51 ± 0.71 |  0.89 ± 0.06 |  4.09 ± 0.32 |
| *Esr1* relative expression | Not detectable |
| *Esr2* relative expression | Not detectable |

Values are means ± SEM; n = 4. \* Significantly between males and females, *p* < 0.05.