**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.