**Supplementary Appendix S2.** Correlation, analysed with Pearson’s correlation, between the change in mRNA expression (log ratio) of inflammation-related genes and the change in vitamin D levels

|  |  |  |
| --- | --- | --- |
| Gene | *P* | *r* |
| *TNFRSF1B* | 0.45 | -0.1 |
| *CCL2* | 0.44 | -0.1 |
| *CCR2* | 0.83 | 0.0 |
| *TLR4* | 0.53 | 0.1 |
| *TNF* | **0.05** | -0.3 |
| *PIK3R1* | 0.80 | 0.0 |
| *TLR2* | 0.58 | -0.1 |
| *CD40* | 0.29 | -0.2 |
| *TNFRSF1A* | 0.67 | 0.1 |