

**Table 3. Genes with reduced expression in the presence of implants**

Number of more highly expressed genes* in most significantly regulated biological process categories				
Muscle	Glucose metabolism	Regulation of blood pressure	regulation of smooth muscle contraction	Total genes induced**
17 (1.4E-5)	12 (8.9E-4)	8 (3.3E-4)	5 (9.8E-4)	467

\* DAVID IDs; \*\*A complete list of the individual genes that were down-regulated in the presence of all implants irrespective of the material is given in the supplementary Table S2. The numbers in parenthesis correspond to the respective P-values.