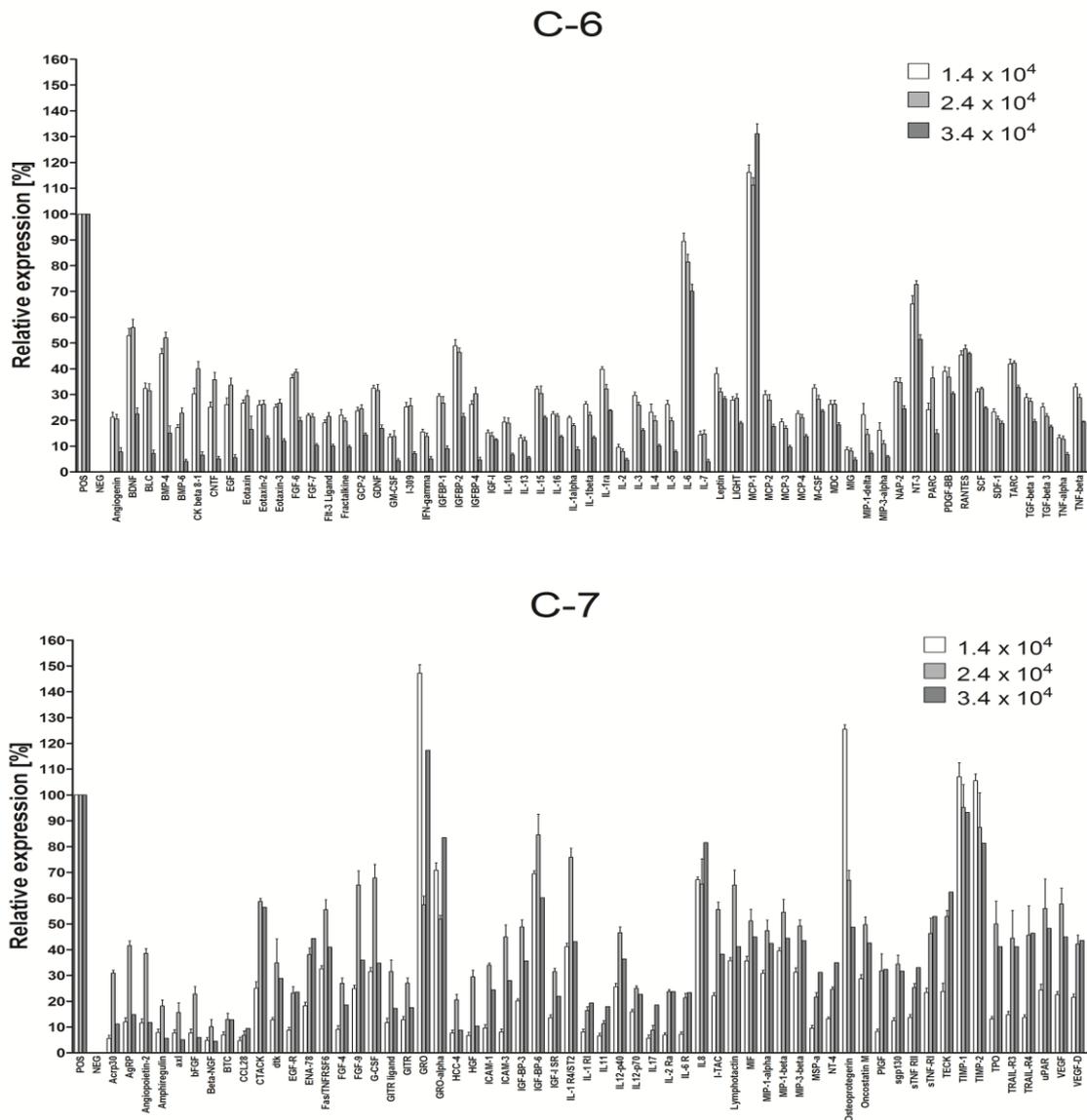
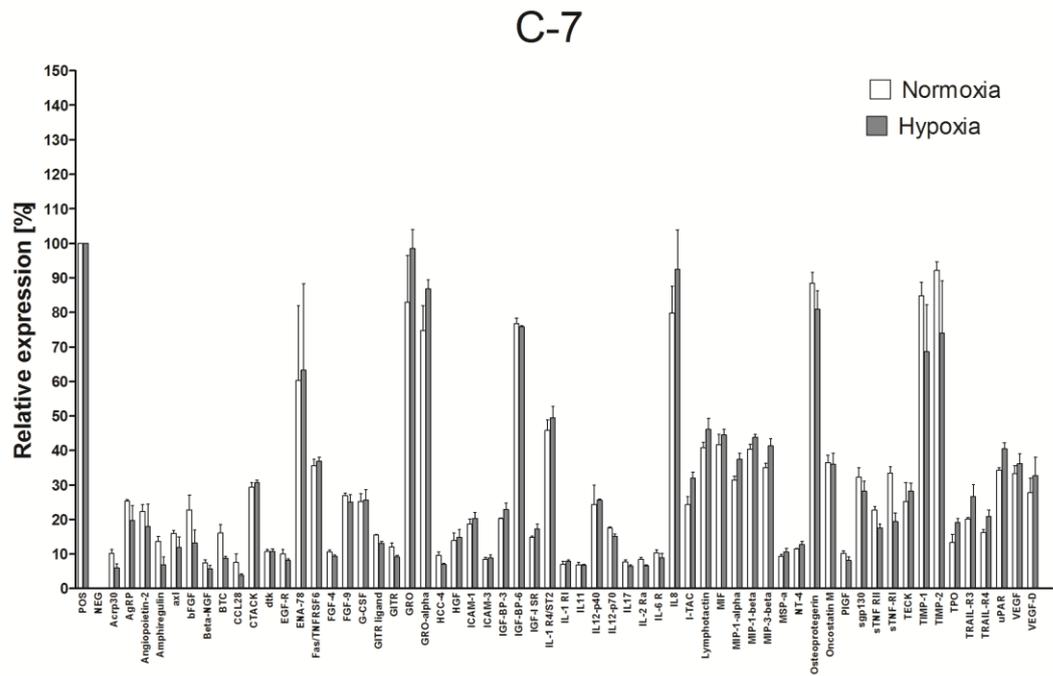
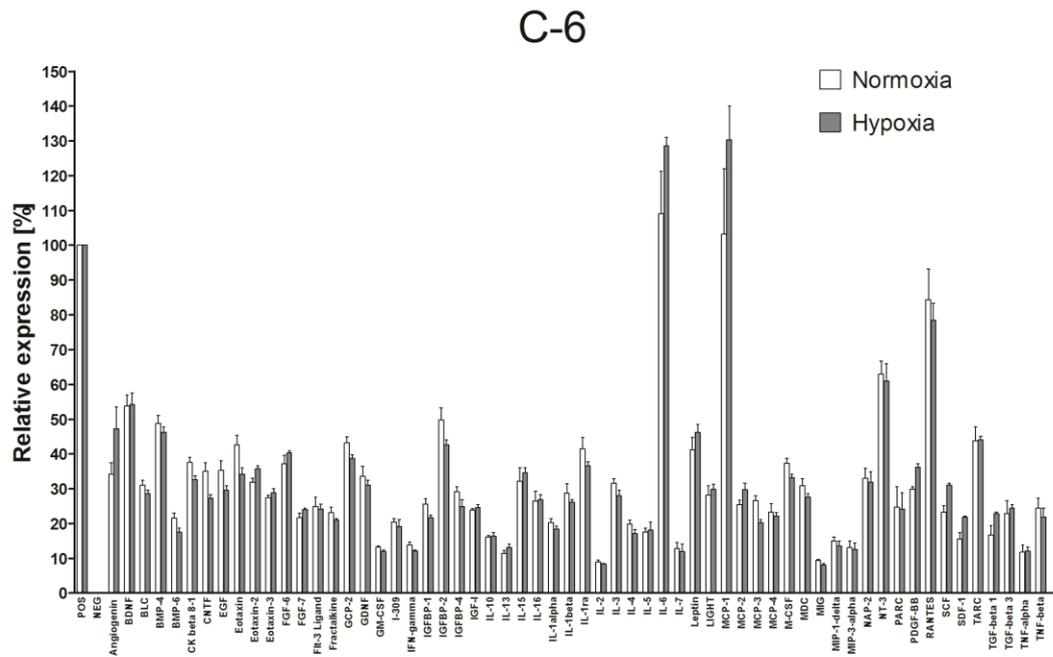


Supplementary data



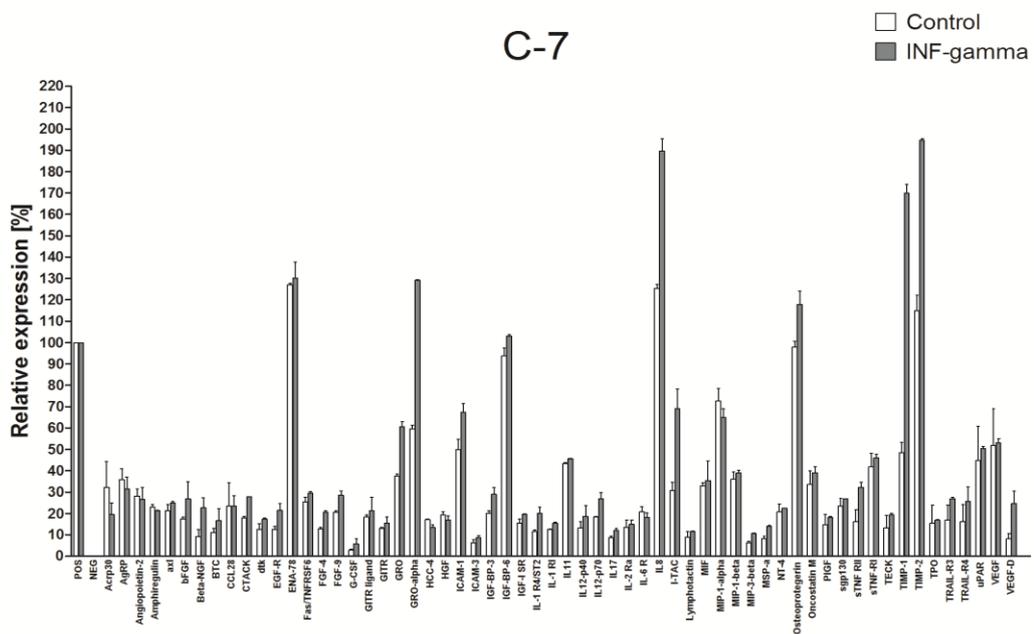
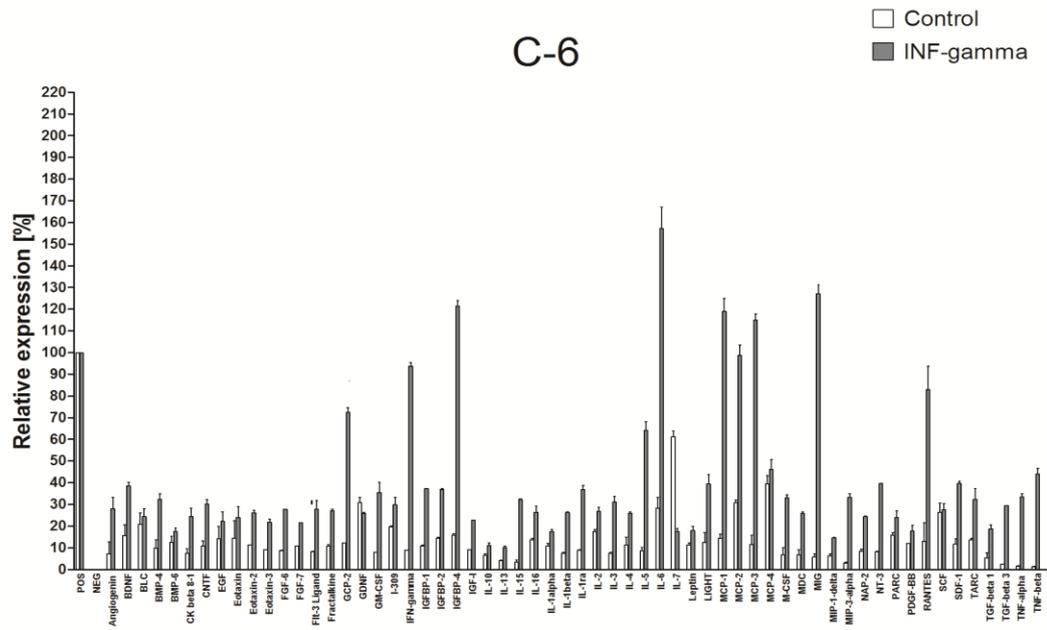
**Figure S1.** Cytokine production as a function of the initial cell culture density. Secretion of cytokines was evaluated using RayBio® C Human Cytokine Antibody Array for a panel of 120 cytokines and expressed as histogram relative to positive control. Cell cultures were established starting from densities:  $1.4 \times 10^4$ ,  $2.4 \times 10^4$  and  $3.3 \times 10^4$  cells plated per  $\text{cm}^2$  area of the culture vessel. The data represent the mean from a duplicate assessment  $\pm$ SEM.



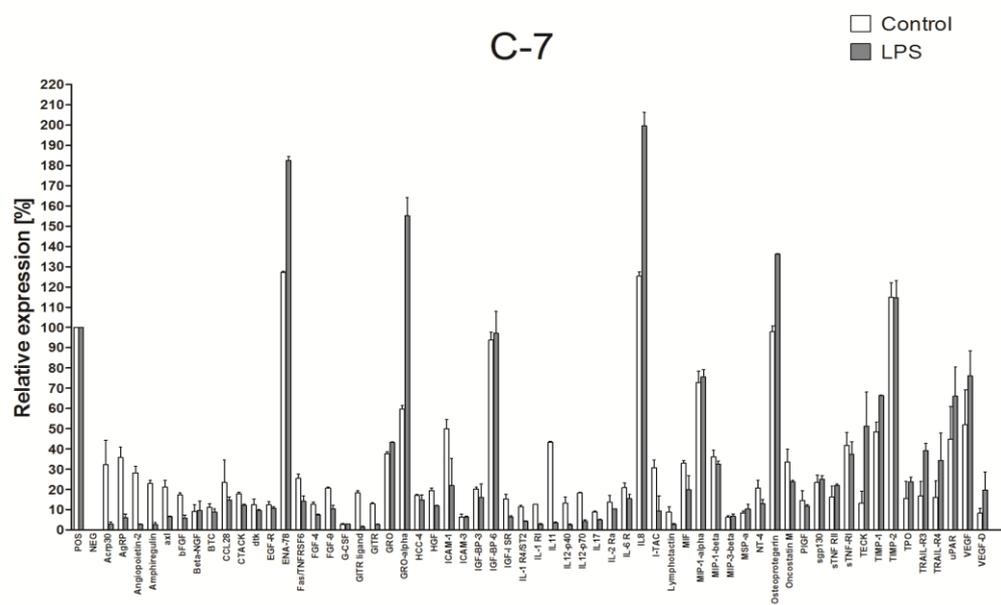
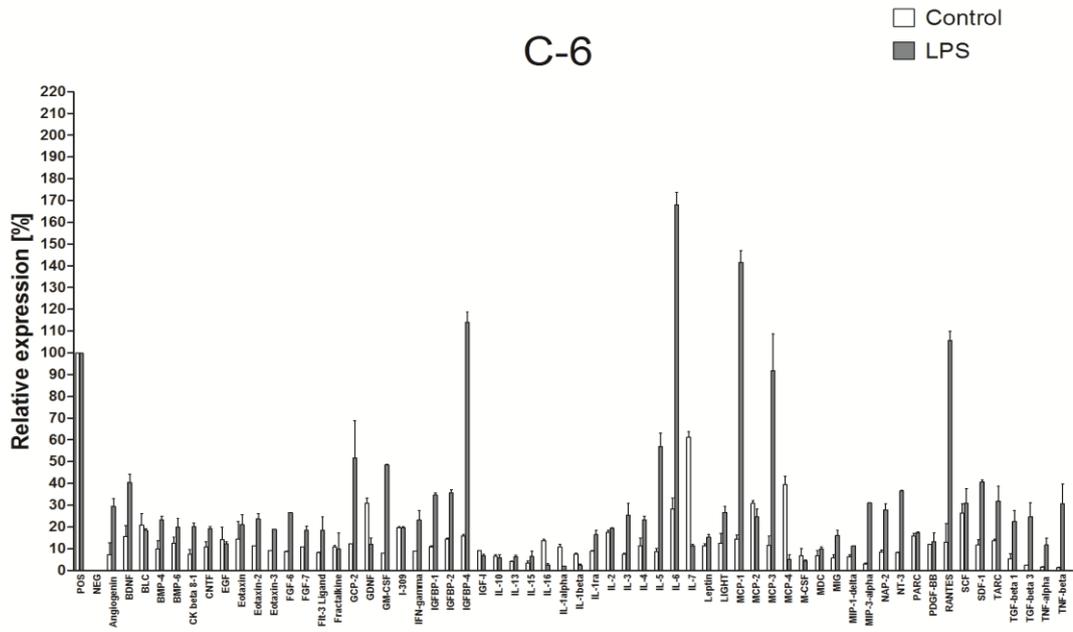
**Figure S2.** Cytokine production as a function of culture under normoxic and hypoxic conditions. The secretory profile of the tested line was determined using the RayBio C-series Human Cytokine Antibody Array Array for a panel of 120 cytokines and expressed as histogram relative to positive control. The data represent the mean from a duplicate assesement  $\pm$ SEM.





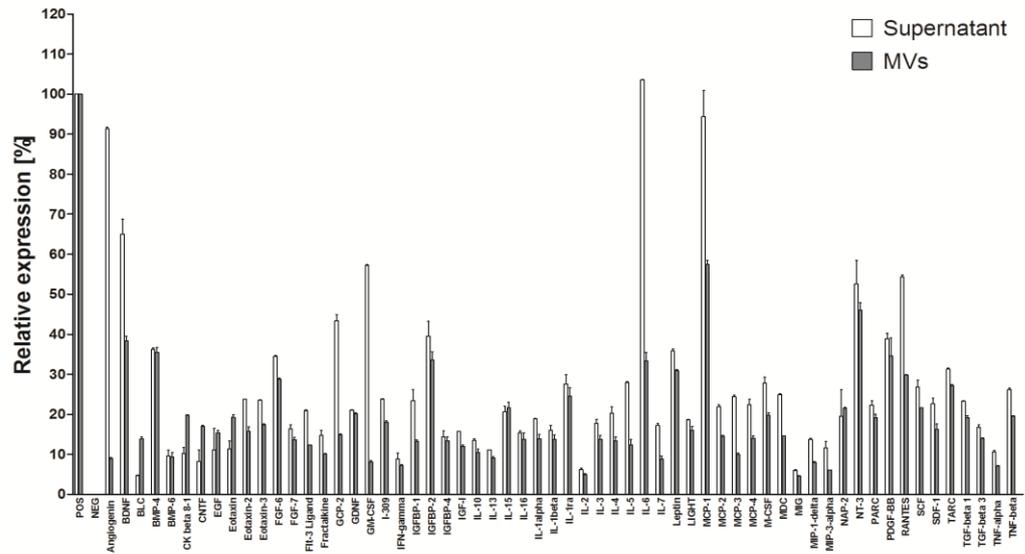


**Figure S5.** Cytokine production after 24 h INF-gamma stimulation of cell culture. The secretory profile of the tested line was determined using the RayBio C-series Human Cytokine Antibody Array for 120 cytokines and expressed as histogram relative to positive control. Cell cultures were established and stimulated with 50  $\mu\text{g}/\text{mL}$  of INF-gamma to receive supernatants. The data represent the mean from a duplicate assesement  $\pm$ SEM.

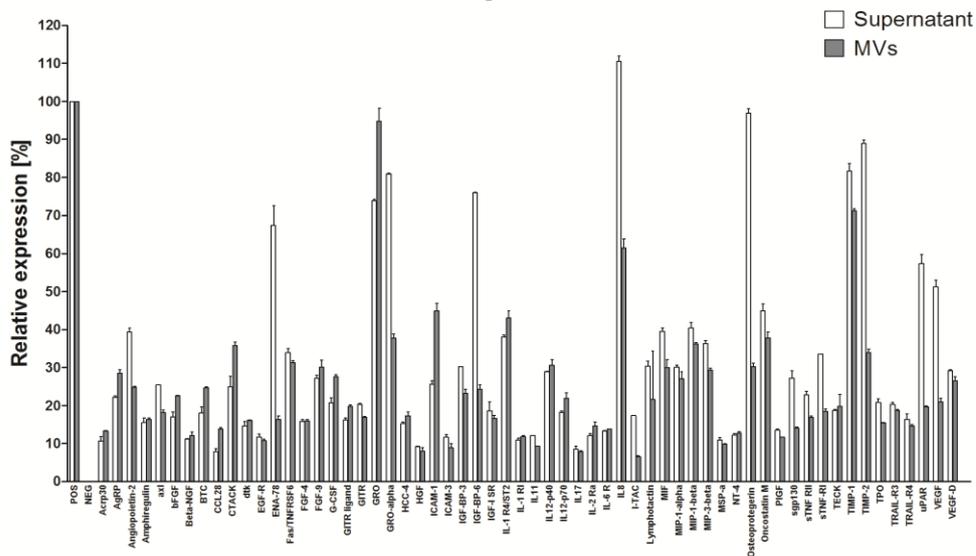


**Figure S6.** Selected cytokine production after 24 h LPS stimulation of cell culture. The secretory profile of the tested line was determined using the RayBio C-series Human Cytokine Antibody Array for a panel of 120 cytokines and expressed as histogram relative to positive control. Cell cultures were established and stimulated with 100 µg/mL of LPS to receive supernatants. The data represent the mean from a duplicate assessment ±SEM.

### C-6



### C-7



**Figure S7.** Cytokine production in the free form (Supernatant) and in the microvesicles (MV) form. The secretory profile of the tested line was determined using the RayBio C-series Human Cytokine Antibody Array Array for a panel of 120 cytokines and expressed as histogram relative to positive control. The MVs present in the supernatant were obtained by sequential centrifugations. They were lysed 100% to evaluate cytokine concentration. The data represent the mean from a duplicate assessment  $\pm$ SEM.