

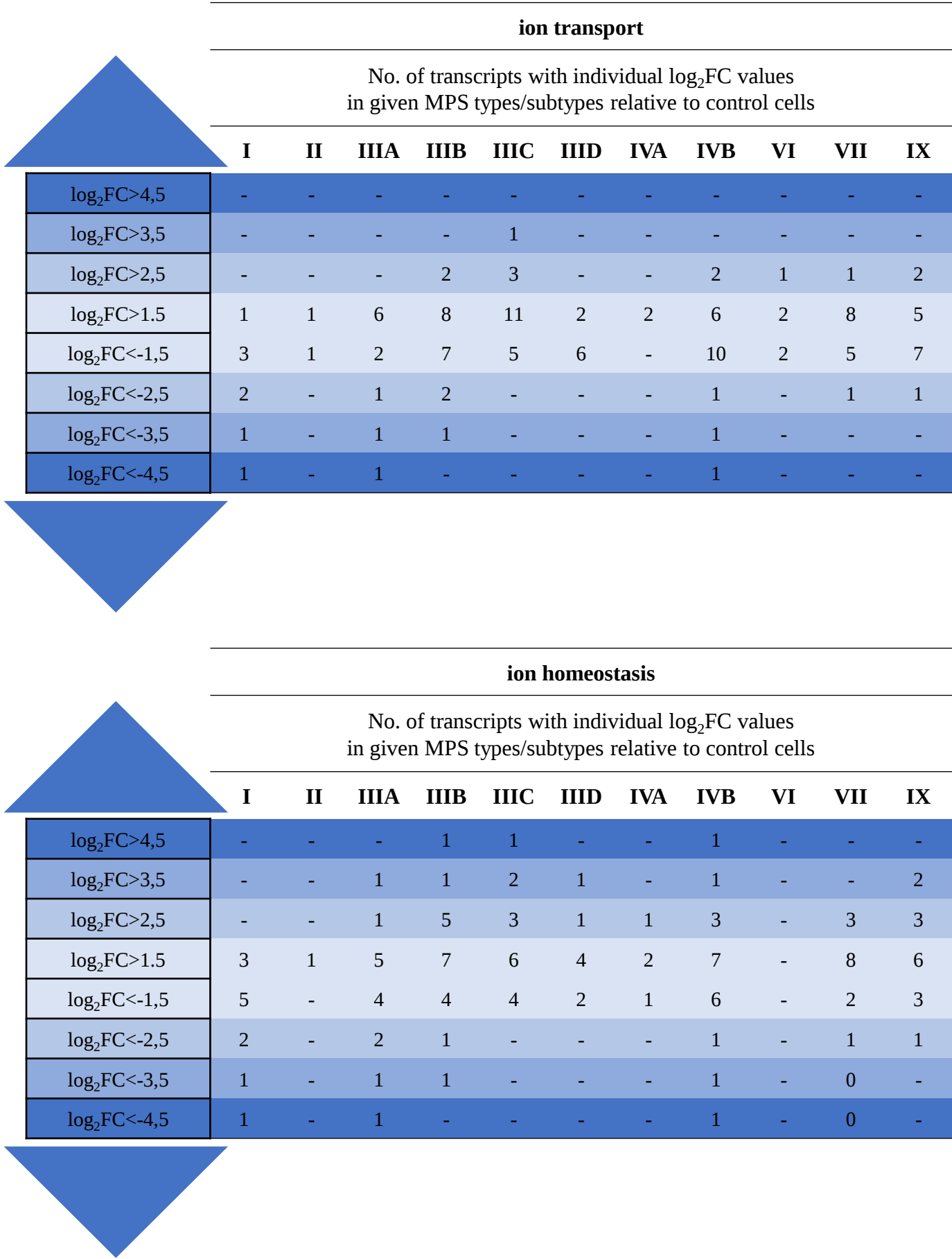


Fig. S1. Number of transcripts included into ‘ion transport’ (GO:0006811) and ‘ion homeostasis’ (GO:0006873) terms with altered expression depending on the level of fold-change value (log₂FC) in different types/subtypes of MPS relative to control cells (HDFa).

Fig. S2

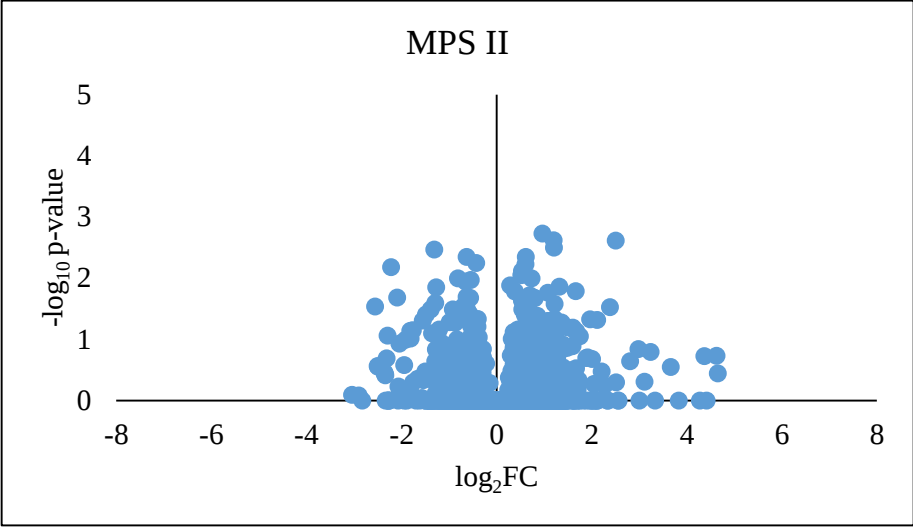
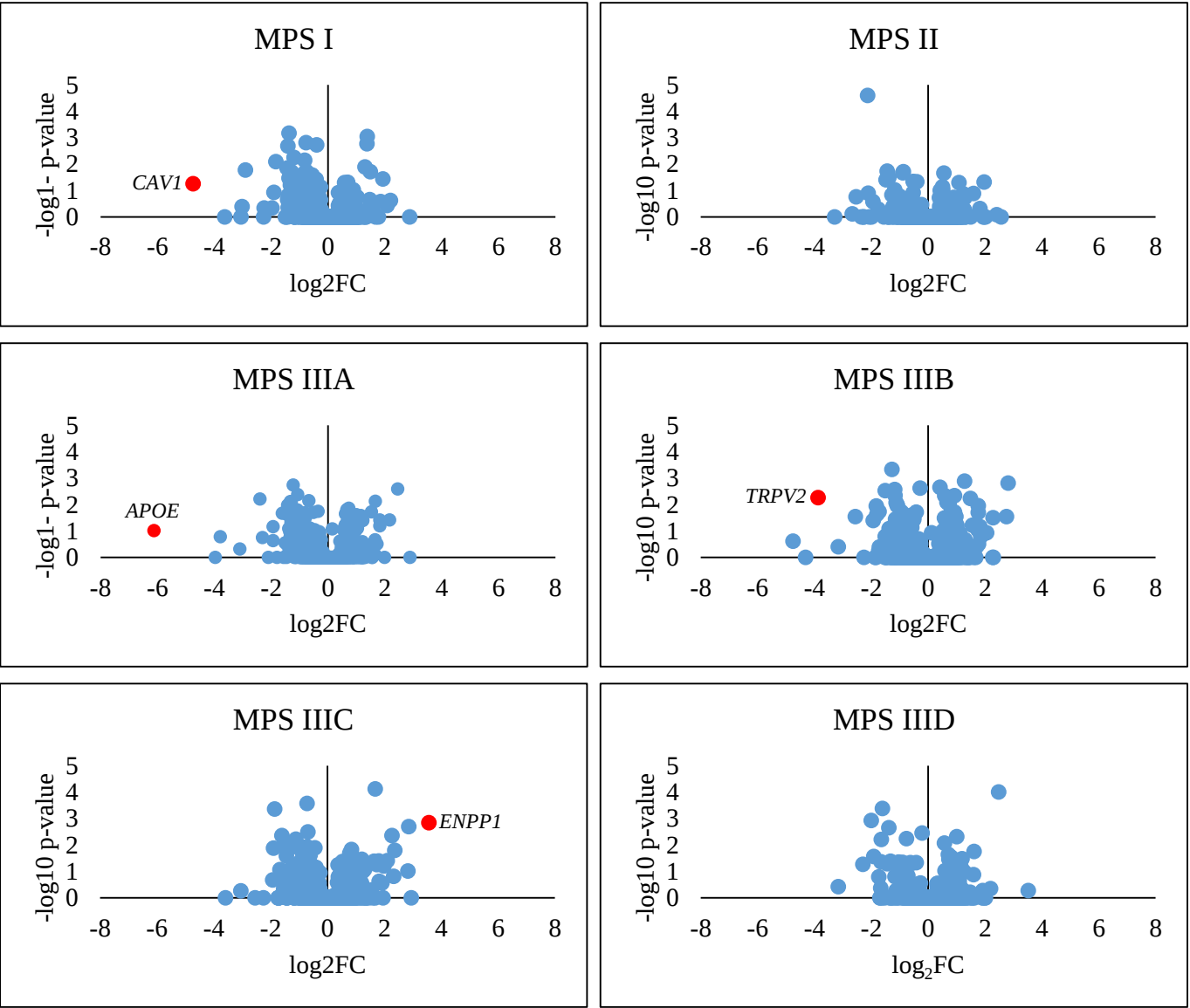


Fig. S2. Volcano plots indicating the lack of transcripts which significantly changed expression ($\log_2 FC > 3.5$) included into ‘ion binding’ (GO:0043167) term in the case of MPS II relative to control cells (HDFa).

Fig. S3



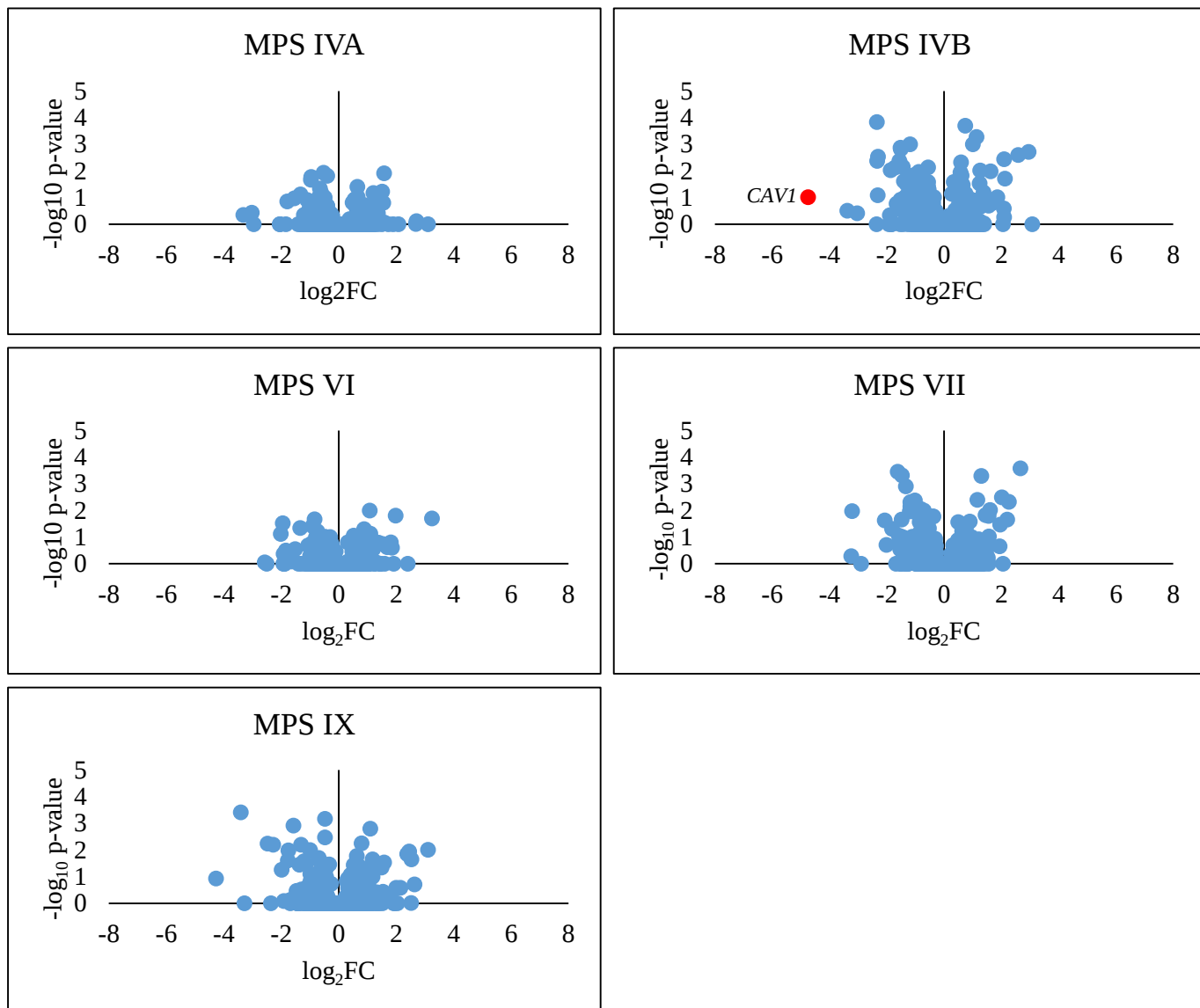
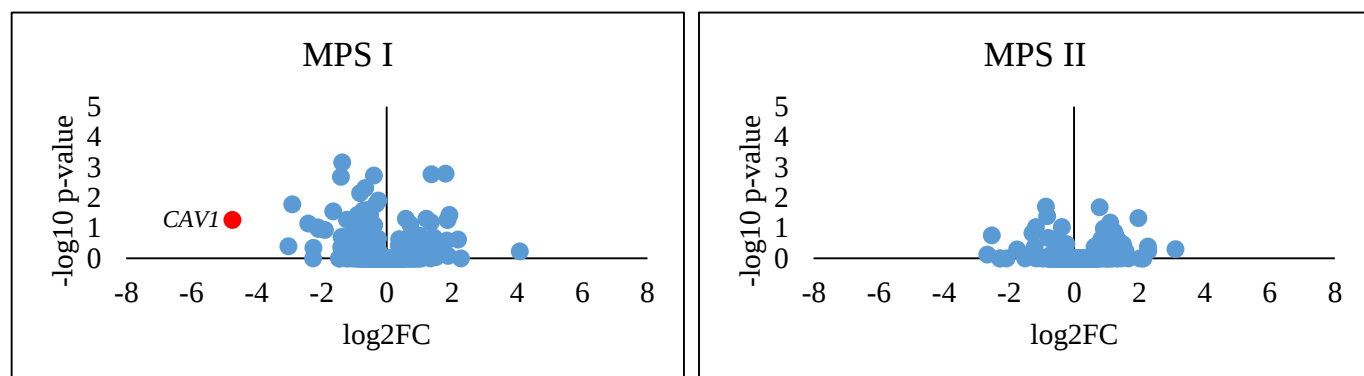


Fig. S3. Volcano plots indicating transcripts which expression is significantly changed ($\log_2$ FC > 3.5) included into 'ion transport' (GO:0006811) term in different types/subtypes of MPS relative to control cells (HDFa).

Fig. S4



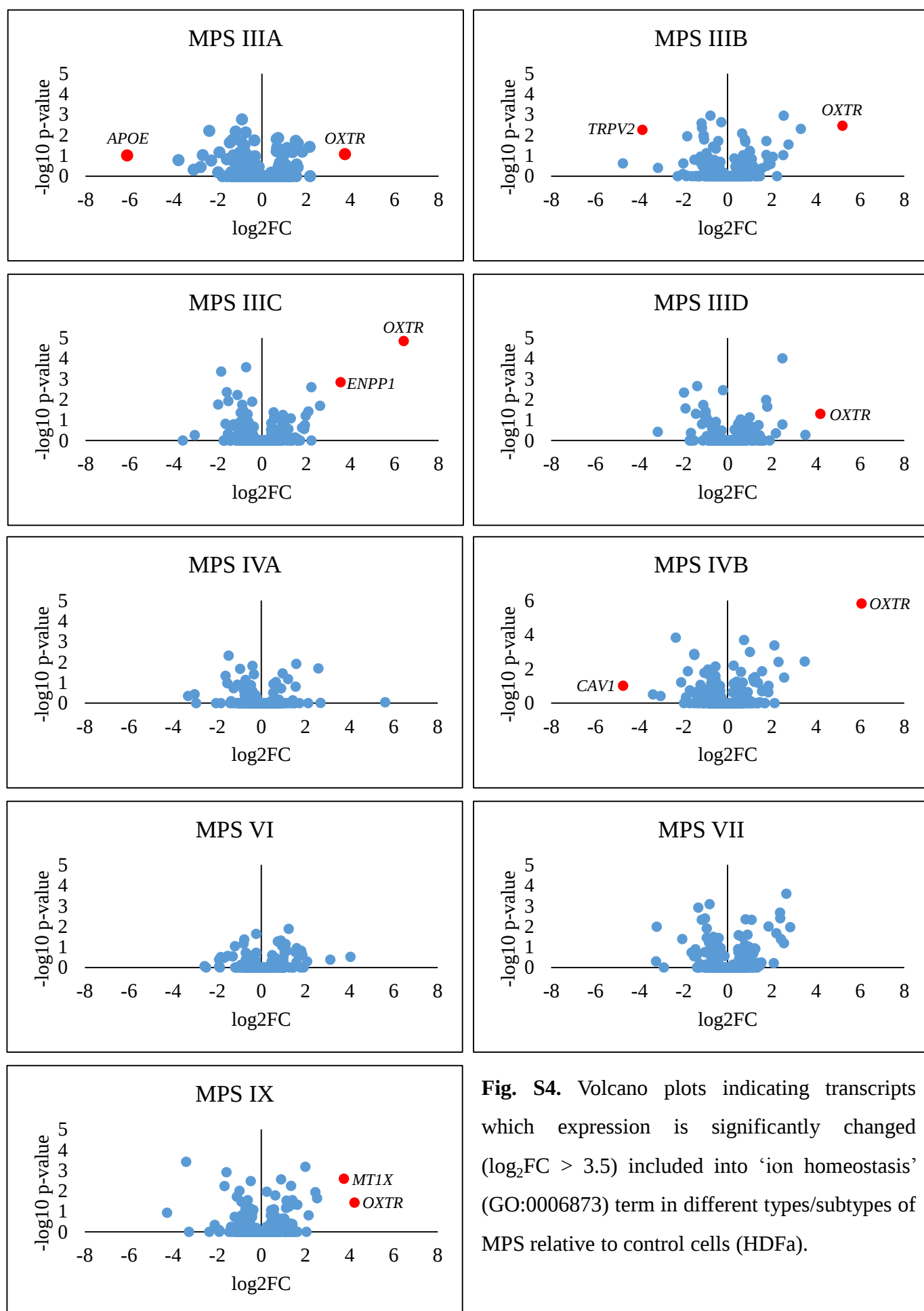


Fig. S4. Volcano plots indicating transcripts which expression is significantly changed ($\log_2FC > 3.5$) included into ‘ion homeostasis’ (GO:0006873) term in different types/subtypes of MPS relative to control cells (HDFa).