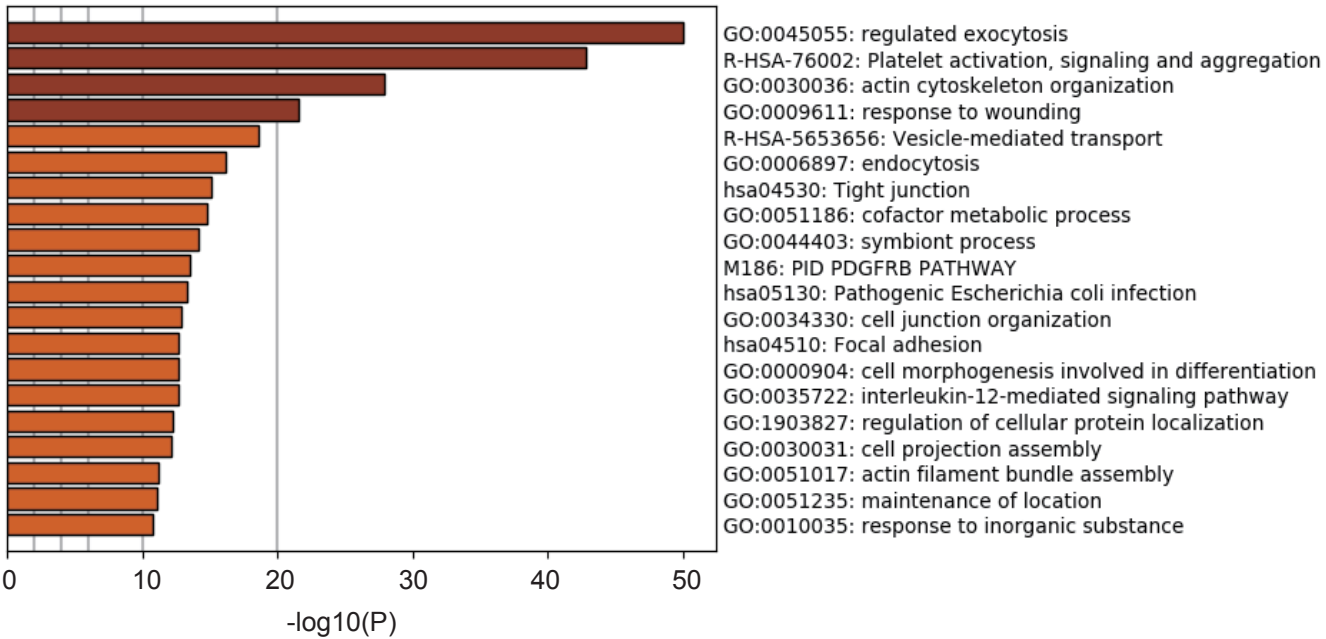Supplementary Fig.S3