Table S1 (*related to Figure 4*): Sepsis gene expression datasets from Gene Expression Omnibus

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Abbreviation | GEO name | Contributor(s) | Year | Septic cohort | N | Non-septic cohort | N | Ref |
| Parnell  | GSE54514 | Parnell GP and Tang BM | 2014 | Septic ICU  | 35 | Healthy controls | 18 | (58) |
| Tang | GSE6535 | Tang BM | 2006 | Septic ICU  | 55 | Non-septic ICU | 17 | (59) |
| Wong derivation | GSE26440 | Wong HR | 2011 | Pediatric septic ICU  | 98 | Pediatric healthy controls | 32 | (60) |
| Wong validation | GSE26378 | Wong HR | 2010 | Pediatric septic ICU  | 82 | Pediatric healthy controls | 21 | (61) |
| Scicluna | GSE65682 | Scicluna BP and van der Poll T | 2015 | Septic ICU (pneumonia) | 192 | Healthy controls | 42 | (62) |
| Scicluna ICU | GSE65682 | Scicluna BP and van der Poll T | 2015 | Septic ICU (pneumonia) | 108 | Non-septic ICU  | 33 | (62) |
| McHugh | GSE74224 | Leo M and Thomas Y | 2015 | Septic ICU  | 74 | Non-septic ICU  | 31 | (63) |
| Dolinay | GSE32707 | Dolinay T et al. | 2011 | Septic ICU  | 42 | Non-septic ICU  | 21 | (64) |

Table S1: Characteristics of seven datasets downloaded from the Gene Expression Omnibus comprising gene expression data from septic and non-septic patients. Patients were allocated to septic or non-septic cohorts based on accompanying documentation or information from authors (*private communication, B.Scicluna*).