**Supplementary Table 4:** Summary of arithmetic means ± SD and results of Mann-Whitney U tests comparing immunoblot expression quantities (target protein/total protein) of pigs exposed to adult *A. suum* worms or total ES, trans-cuticular ES and CSO antigen as well as respective control pigs. Significant differences as determined by Mann-Whitney U test are printed in bold. Abbreviations: ES, excretory-secretory antigen; CSO, cuticular somatic antigen.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **protein** | **control** | **adult *A. suum*** | **Mann-Whitney U test** | | **control** | **total ES** | **Mann-Whitney U test** | | **control** | **trans-cuticular ES** | **Mann-Whitney U test** | | **control** | **CSO** | **Mann-Whitney U test** | |
| **Jejunum** |  |  | **U** | ***P*** |  |  | **U** | ***P*** |  |  | **U** | ***P*** |  |  | **U** | ***P*** |
| **SGLT1** | 0.0017 ± 0.0008 | 0.0026 ± 0.0015 | 13.0 | 0.485 | 0.0005 ± 0.0003 | 0.0006 ± 0.0004 | 17.0 | 0.937 | 0.0020 ± 0.0008 | 0.0020 ± 0.0016 | 16.0 | 0.818 | 0.0008 ± 0.0004 | 0.0013 ± 0.0007 | 10.0 | 0.240 |
| **pSGLT1** | 0.0047 ± 0.0011 | 0.0040 ± 0.0019 | 13.0 | 0.485 | 0.0043 ± 0.0015 | 0.0016 ± 0.0005 | 2.0 | **0.009** | 0.0058 ± 0.0025 | 0.0034 ± 0.0011 | 8.0 | 0.132 | 0.0035 ± 0.0011 | 0.0041 ± 0.0020 | 17.0 | 0.937 |
| **GLUT2** | 0.0037 ± 0.0015 | 0.0021 ± 0.0006 | 7.0 | 0.093 | 0.0020 ± 0.0004 | 0.0017 ± 0.0007 | 16.0 | 0.818 | 0.0030 ± 0.0005 | 0.0040 ± 0.0007 | 4.0 | **0.026** | 0.0031 ± 0.0008 | 0.0024 ± 0.0013 | 9.0 | 0.180 |
| **Na+/K+-ATPase** | 0.0073 ± 0.0010 | 0.0081 ± 0.0014 | 12.0 | 0.394 | 0.0075 ± 0.0014 | 0.0073 ± 0.0013 | 17.0 | 0.937 | 0.0113 ± 0.0020 | 0.0129 ± 0.0020 | 9.0 | 0.180 | 0.0097 ± 0.0015 | 0.0095 ± 0.0012 | 18.0 | >0.999 |
| **ASCT1** | 0.0015 ± 0.0005 | 0.0014 ± 0.0002 | 18.0 | >0.999 | 0.0011 ± 0.0011 | 0.0018 ± 0.0015 | 9.0 | 0.180 | 0.0013 ± 0.0011 | 0.0018 ± 0.0009 | 11.0 | 0.310 | 0.0007 ± 0.0004 | 0.0012 ± 0.0006 | 9.0 | 0.180 |
| **PepT1** | 0.0089 ±  0.0040 | 0.0050 ±  0.0030 | 9.0 | 0.180 | 0.0065 ±  0.0036 | 0.0066 ±  0.0037 | 18.0 | >0.999 | 0.0067 ±  0.0031 | 0.0040 ±  0.0027 | 8.0 | 0.132 | 0.0076 ±  0.0039 | 0.0078 ±  0.0029 | 16.0 | 0.818 |
| **Ileum** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **SGLT1** | 0.0023 ± 0.0013 | 0.003 ± 0.0019 | 15.0 | 0.699 | 0.0025 ± 0.0014 | 0.0018 ± 0.0009 | 13.0 | 0.485 | 0.0020 ± 0.0009 | 0.0034 ± 0.0014 | 8.0 | 0.132 | 0.0021 ± 0.0008 | 0.0029 ± 0.0014 | 12.0 | 0.394 |
| **pSGLT1** | 0.0032 ± 0.005 | 0.0050 ± 0.0020 | 8.0 | 0.132 | 0.0021 ± 0.0008 | 0.0047 ± 0.0020 | 2.0 | **0.009** | 0.0051 ± 0.0011 | 0.0046 ± 0.0011 | 11.0 | 0.310 | 0.0025 ± 0.0006 | 0.0044 ± 0.0019 | 7.0 | 0.093 |
| **GLUT2** | 0.0022 ± 0.0005 | 0.0014 ± 0.0003 | 4.0 | **0.026** | 0.0041 ± 0.0011 | 0.0029 ± 0.0008 | 7.0 | 0.093 | 0.0029 ± 0.0010 | 0.0035 ± 0.0016 | 16.0 | 0.818 | 0.0030 ± 0.0009 | 0.0031 ± 0.0013 | 15.0 | 0.699 |
| **Na+/K+-ATPase** | 0.0089 ± 0.0013 | 0.0080 ± 0.0010 | 9.0 | 0.180 | 0.0104 ± 0.0010 | 0.0083 ± 0.0018 | 8.0 | 0.132 | 0.0130 ± 0.0009 | 0.0107 ± 0.0013 | 2.0 | **0.009** | 0.0109 ± 0.0013 | 0.0088 ± 0.0012 | 6.0 | 0.065 |
| **ASCT1** | 0.0008 ± 0.0004 | 0.0005 ± 0.0002 | 9.0 | 0.180 | 0.0002 ± 0.0001 | 0.0002 ± 0.0001 | 14.0 | 0.589 | 0.0004 ± 0.0001 | 0.0009 ± 0.0006 | 9.0 | 0.180 | 0.0003 ± 0.0001 | 0.0004 ± 0.0003 | 18.0 | >0.999 |
| **PepT1** | 0.0079 ± 0.0025 | 0.0050 ± 0.0008 | 4.0 | **0.026** | 0.0052 ± 0.0016 | 0.0056 ± 0.0023 | 17.0 | 0.937 | 0.0041 ± 0.0012 | 0.0033 ± 0.0013 | 12.0 | 0.394 | 0.0084 ± 0.0022 | 0.0092 ± 0.0017 | 15.0 | 0.699 |