**Supporting Table 1 – Proteins identified in response to EHEC exposure to bilirubin.**

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| --- | --- | --- | --- | --- | --- | --- |
| Functional Class | Spot No. | Protein (gene) | Assession No. | Associated  Gene | Peptide Count | Percentage Volume Ratio |
| Metabolism | 1 | 2-oxoglutarate dehydrogenase E1 component | NP\_286442 | *sucA* | 25 | 1.64 |
|  | 7 | succinate dehydrogenase flavoprotein subunit | NP\_286439 | sdhA | 20 | 2.71 |
|  | 9 | pyruvate dehydrogenase | NP\_286643 | poxB | 14 | 2.08 |
|  | 16 | serine hydroxymethyltransferase | NP\_289107 | glyA | 20 | 2.41 |
|  | 22 | PTS system mannose-specific transporter subunit IIAB | NP\_288253 | manX | 10 | 3.07 |
|  | 45 | maltose ABC transporter substrate-binding protein | NP\_290668 | malE | 14 | -1.15 |
| Biosynthesis - Pyrimidine | 18 | dihydroorotate dehydrogenase 2 | NP\_286820 | pyrD | 20 | 2.64 |
| Biosynthesis - LPS | 26 | UDP-N-acetylglucosamine acyltransferase | NP\_285875 | lpxA | 5 | 2.86 |
| Gene Regulation | 34 | cAMP-regulatory protein | NP\_289905 | crp | 14 | 2.39 |
| Proteolysis | 43 | serine endoprotease | NP\_285857 | htrA | 18 | 2.06 |