**Output of NGS Analysis**

| contig_id | Chr | E_coli_1 | E_coli_2 | Gene/RNA |
|---|---|---|---|---|
| husec41_c2045 | chr1 | 10 | 39 | gene |
| husec41_c624 | chr1 | 23 | 52 | gene |
| husec41_c419 | chr1 | 0 | 0 | gene |
| husec41_c549 | chr1 | 0 | 0 | gene |
| husec41_c966 | chr1 | 29 | 18 | gene |
| husec41_c1455 | chr1 | 33 | 29 | gene |
| husec41_c653 | chr1 | 37 | 21 | gene |
| husec41_c2131 | chr1 | 15 | 20 | gene |
| husec41_c1182 | chr1 | 0 | 0 | gene |
| husec41_c390 | chr1 | 0 | 0 | gene |
| husec41_c1014 | chr1 | 0 | 0 | gene |
| husec41_c217 | chr1 | 12 | 14 | gene |
| husec41_c736 | chr1 | 0 | 0 | gene |
| husec41_c357 | chr1 | 0 | 0 | gene |
| husec41_c418 | chr1 | 26 | 28 | gene |
| husec41_c418 | chr1 | 32 | 30 | gene |
| husec41_c1568 | chr1 | 0 | 0 | gene |

| | | | | |
|---|---|---|---|---|
| husec41_c2156 | chr1 | 0 | 0 | gene |
| husec41_c758 | chr1 | 0 | 0 | gene |
| husec41_c861 | chr1 | 5 | 10 | gene |
| husec41_c935 | chr1 | 0 | 0 | gene |
| husec41_c960 | chr1 | 0 | 0 | gene |
| husec41_c2073 | chr1 | 0 | 0 | gene |
| husec41_c990 | chr1 | 0 | 0 | gene |
| husec41_c51 | chr1 | 0 | 0 | gene |
| husec41_c690 | chr1 | 0 | 0 | gene |
| husec41_c1038 | chr1 | 0 | 0 | gene |
| husec41_c1124 | chr1 | 0 | 0 | gene |
| husec41_c316 | chr1 | 0 | 0 | gene |
| husec41_c316 | chr1 | 0 | 0 | gene |
| husec41_c1808 | chr1 | 0 | 0 | gene |
| husec41_c986 | chr1 | 0 | 0 | gene |
| husec41_c322 | chr1 | 0 | 0 | gene |
| husec41_c1079 | chr1 | 0 | 0 | gene |
| husec41_c872 | chr1 | 0 | 0 | gene |
| husec41_c131 | chr1 | 0 | 0 | gene |

| | | | | |
|---|---|---|---|---|
| husec41_c499 | chr1 | 0 | 0 | gene |
| husec41_c439 | chr1 | 0 | 0 | gene |
| husec41_c2013 | chr1 | 0 | 0 | gene |
| husec41_c1947 | chr1 | 0 | 0 | gene |
| husec41_rep_c2374 | chr1 | 0 | 0 | gene |
| husec41_c1132 | chr1 | 0 | 0 | gene |
| husec41_c2076 | chr1 | 0 | 0 | gene |
| husec41_rep_c2477 | chr1 | 0 | 0 | gene |
| husec41_rep_c2367 | chr1 | 0 | 0 | gene |
| husec41_c319 | chr1 | 0 | 0 | gene |
| husec41_c1215 | chr1 | 0 | 0 | gene |
| husec41_c271 | chr1 | 0 | 0 | gene |
| husec41_c643 | chr1 | 0 | 0 | gene |
| husec41_c1499 | chr1 | 0 | 0 | gene |
| husec41_c648 | chr1 | 0 | 0 | gene |
| husec41_c1649 | chr1 | 0 | 0 | gene |
| husec41_c963 | chr1 | 0 | 0 | gene |
| husec41_c1621 | chr1 | 0 | 0 | gene |

| | | | | |
|---|---|---|---|---|
| husec41_c990 | chr1 | 0 | 0 | gene |
| husec41_c1593 | chr1 | 0 | 0 | gene |
| husec41_c1043 | chr1 | 0 | 0 | gene |
| husec41_c254 | chr1 | 0 | 0 | gene |
| husec41_c55 | chr1 | 0 | 0 | gene |
| husec41_c698 | chr1 | 0 | 0 | gene |
| husec41_c2030 | chr1 | 0 | 0 | gene |
| husec41_c461 | chr1 | 0 | 0 | gene |
| husec41_c797 | chr1 | 0 | 0 | gene |
| husec41_c390 | chr1 | 0 | 0 | gene |
| husec41_c746 | chr1 | 0 | 0 | gene |
| husec41_c1037 | chr1 | 0 | 0 | gene |
| husec41_c2045 | chr1 | 0 | 0 | gene |
| husec41_c84 | chr1 | 0 | 0 | gene |
| husec41_c667 | chr1 | 0 | 0 | gene |
| husec41_c441 | chr1 | 0 | 0 | gene |
| husec41_c1953 | chr1 | 0 | 0 | gene |
| husec41_c564 | chr1 | 0 | 0 | gene |
| husec41_c1798 | chr1 | 0 | 0 | gene |

| | | | | |
|---|---|---|---|---|
| husec41_c735 | chr1 | 0 | 0 | gene |
| husec41_c452 | chr1 | 0 | 0 | gene |
| husec41_c84 | chr1 | 0 | 0 | gene |
| husec41_c634 | chr1 | 0 | 0 | gene |
| husec41_c1264 | chr1 | 0 | 0 | gene |
| husec41_c169 | chr1 | 0 | 0 | gene |
| husec41_c381 | chr1 | 0 | 0 | gene |
| husec41_c479 | chr1 | 0 | 0 | gene |
| husec41_c736 | chr1 | 0 | 0 | gene |
| husec41_c293 | chr1 | 0 | 0 | gene |
| husec41_c543 | chr1 | 0 | 0 | gene |
| husec41_c564 | chr1 | 0 | 0 | gene |
| husec41_c1108 | chr1 | 0 | 0 | gene |
| husec41_c488 | chr1 | 0 | 0 | gene |
| husec41_c746 | chr1 | 0 | 0 | gene |
| husec41_c372 | chr1 | 0 | 0 | gene |
| husec41_c795 | chr1 | 0 | 0 | gene |
| husec41_c1050 | chr1 | 0 | 0 | gene |

| | | | | |
|---|---|---|---|---|
| husec41_c694 | chr1 | 0 | 0 | gene |
| husec41_c694 | chr1 | 0 | 0 | gene |
| husec41_c50 | chr1 | 0 | 0 | gene |
| husec41_c1008 | chr1 | 0 | 0 | gene |
| husec41_c877 | chr1 | 0 | 0 | gene |
| husec41_c736 | chr1 | 0 | 0 | gene |
| husec41_c20 | chr1 | 0 | 0 | gene |
| husec41_c644 | chr1 | 0 | 0 | gene |
| husec41_c648 | chr1 | 0 | 0 | gene |
| husec41_c1150 | chr1 | 0 | 0 | gene |
| husec41_c1150 | chr1 | 0 | 0 | gene |
| husec41_c489 | chr1 | 0 | 0 | gene |
| husec41_c36 | chr1 | 0 | 0 | gene |
| husec41_c1070 | chr1 | 0 | 0 | gene |
| husec41_c669 | chr1 | 0 | 0 | gene |
| husec41_c669 | chr1 | 0 | 0 | gene |
| husec41_c216 | chr1 | 0 | 0 | gene |
| husec41_c456 | chr1 | 0 | 0 | gene |
| husec41_c418 | chr1 | 0 | 0 | gene |

| | | | | |
|---|---|---|---|---|
| husec41_c1681 | chr1 | 0 | 0 | gene |
| husec41_c1049 | chr1 | 0 | 0 | gene |
| husec41_c450 | chr1 | 0 | 0 | gene |
| husec41_c872 | chr1 | 0 | 0 | gene |
| husec41_c828 | chr1 | 0 | 0 | gene |
| husec41_c1181 | chr1 | 0 | 0 | gene |
| husec41_c131 | chr1 | 0 | 0 | gene |
| husec41_c761 | chr1 | 0 | 0 | gene |
| husec41_c253 | chr1 | 0 | 0 | gene |
| husec41_c131 | chr1 | 0 | 0 | gene |
| husec41_c1394 | chr1 | 0 | 0 | gene |
| husec41_c131 | chr1 | 0 | 0 | gene |
| husec41_c1053 | chr1 | 0 | 0 | gene |
| husec41_c70 | chr1 | 0 | 0 | gene |
| husec41_c131 | chr1 | 0 | 0 | gene |
| husec41_c828 | chr1 | 0 | 0 | gene |
| husec41_c1110 | chr1 | 0 | 0 | gene |
| husec41_c31 | chr1 | 0 | 0 | gene |

| | | | | |
|---|---|---|---|---|
| husec41_c108 | chr1 | 0 | 0 | gene |
| husec41_c649 | chr1 | 0 | 0 | gene |
| husec41_c440 | chr1 | 0 | 0 | gene |
| husec41_c440 | chr1 | 0 | 0 | gene |
| husec41_c222 | chr1 | 0 | 0 | gene |
| husec41_c687 | chr1 | 0 | 0 | gene |
| husec41_c391 | chr1 | 0 | 0 | gene |
| husec41_c34 | chr1 | 0 | 0 | gene |
| husec41_c433 | chr1 | 0 | 0 | gene |
| husec41_c20 | chr1 | 0 | 0 | gene |
| husec41_c20 | chr1 | 0 | 0 | gene |
| husec41_c20 | chr1 | 0 | 0 | gene |
| husec41_c105 | chr1 | 0 | 0 | gene |
| husec41_c4 | chr1 | 0 | 0 | gene |
| husec41_c1110 | chr1 | 0 | 0 | gene |
| husec41_c420 | chr1 | 0 | 0 | gene |
| husec41_c1720 | chr1 | 0 | 0 | gene |
| husec41_c1035 | chr1 | 0 | 0 | gene |
| husec41_c421 | chr1 | 0 | 0 | gene |

| | | | | |
|---|---|---|---|---|
| husec41_c482 | chr1 | 0 | 0 | gene |
| husec41_c105 | chr1 | 0 | 0 | gene |
| husec41_c801 | chr1 | 0 | 0 | gene |
| husec41_c1038 | chr1 | 0 | 0 | gene |
| husec41_c295 | chr1 | 0 | 0 | gene |
| husec41_c949 | chr1 | 0 | 0 | gene |
| husec41_c949 | chr1 | 0 | 0 | gene |
| husec41_c1280 | chr1 | 0 | 0 | gene |
| husec41_c949 | chr1 | 0 | 0 | gene |
| husec41_c786 | chr1 | 0 | 0 | gene |
| husec41_c758 | chr1 | 0 | 0 | gene |
| husec41_c566 | chr1 | 0 | 0 | gene |
| husec41_c220 | chr1 | 0 | 0 | gene |
| husec41_c1145 | chr1 | 0 | 0 | gene |
| husec41_c801 | chr1 | 0 | 0 | gene |
| husec41_c1142 | chr1 | 0 | 0 | gene |
| husec41_c877 | chr1 | 0 | 0 | gene |
| husec41_c50 | chr1 | 0 | 0 | gene |

| | | | | |
|---|---|---|---|---|
| husec41_c135 | chr1 | 0 | 0 | gene |
| husec41_c212 | chr1 | 0 | 0 | gene |
| husec41_c1190 | chr1 | 0 | 0 | gene |
| husec41_c641 | chr1 | 0 | 0 | gene |
| husec41_c1330 | chr1 | 0 | 0 | gene |
| husec41_c908 | chr1 | 0 | 0 | gene |
| husec41_c425 | chr1 | 0 | 0 | gene |
| husec41_c600 | chr1 | 0 | 0 | gene |
| husec41_c703 | chr1 | 0 | 0 | gene |
| husec41_c974 | chr1 | 0 | 0 | gene |
| husec41_c1079 | chr1 | 0 | 0 | gene |
| husec41_c108 | chr1 | 0 | 0 | gene |
| husec41_c1181 | chr1 | 0 | 0 | gene |
| husec41_c131 | chr1 | 0 | 0 | gene |
| husec41_c828 | chr1 | 0 | 0 | gene |
| husec41_c1181 | chr1 | 0 | 0 | gene |
| husec41_c466 | chr1 | 0 | 0 | gene |
| husec41_c286 | chr1 | 0 | 0 | gene |
| husec41_c131 | chr1 | 0 | 0 | gene |

| | | | | |
|---|---|---|---|---|
| husec41_c34 | chr1 | 0 | 0 | gene |
| husec41_c618 | chr1 | 0 | 0 | gene |
| husec41_c1341 | chr1 | 0 | 0 | gene |
| husec41_c286 | chr1 | 0 | 0 | gene |
| husec41_c131 | chr1 | 0 | 0 | gene |
| husec41_c131 | chr1 | 0 | 0 | gene |
| husec41_c613 | chr1 | 0 | 0 | gene |
| husec41_c1075 | chr1 | 0 | 0 | gene |
| husec41_c347 | chr1 | 0 | 0 | gene |
| husec41_c251 | chr1 | 0 | 0 | gene |
| husec41_c351 | chr1 | 0 | 0 | gene |
| husec41_c65 | chr1 | 0 | 0 | gene |
| husec41_c735 | chr1 | 0 | 0 | gene |
| husec41_c1850 | chr1 | 0 | 0 | gene |
| husec41_c957 | chr1 | 0 | 0 | gene |
| husec41_c198 | chr1 | 0 | 0 | gene |
| husec41_c354 | chr1 | 0 | 0 | gene |
| husec41_c157 | chr1 | 0 | 0 | gene |

| | | | | |
|---|---|---|---|---|
| husec41_c676 | chr1 | 0 | 0 | gene |
| husec41_c515 | chr1 | 0 | 0 | gene |
| husec41_c1309 | chr1 | 0 | 0 | gene |
| husec41_c152 | chr1 | 0 | 0 | gene |
| husec41_c557 | chr1 | 0 | 0 | gene |
| husec41_c235 | chr1 | 0 | 0 | gene |
| husec41_c68 | chr1 | 0 | 0 | gene |
| husec41_c1644 | chr1 | 0 | 0 | gene |
| husec41_c1064 | chr1 | 0 | 0 | gene |
| husec41_c235 | chr1 | 0 | 0 | gene |
| husec41_c1132 | chr1 | 0 | 0 | gene |
| husec41_c1827 | chr1 | 0 | 0 | gene |
| husec41_c1703 | chr1 | 0 | 0 | gene |
| husec41_c2211 | chr1 | 0 | 0 | gene |
| husec41_c375 | chr1 | 0 | 0 | gene |
| husec41_c1221 | chr1 | 0 | 0 | gene |
| husec41_c177 | chr1 | 0 | 0 | gene |
| husec41_c102 | chr1 | 0 | 0 | gene |
| husec41_c1190 | chr1 | 0 | 0 | gene |

| | | | | |
|---|---|---|---|---|
| husec41_c230 | chr1 | 0 | 0 | gene |
| husec41_c214 | chr1 | 0 | 0 | gene |
| husec41_c364 | chr1 | 0 | 0 | gene |
| husec41_c475 | chr1 | 0 | 0 | gene |
| husec41_c214 | chr1 | 0 | 0 | gene |
| husec41_c364 | chr1 | 0 | 0 | gene |
| husec41_c475 | chr1 | 0 | 0 | gene |
| husec41_c1593 | chr1 | 0 | 0 | gene |
| husec41_c1693 | chr1 | 0 | 0 | gene |
| husec41_c977 | chr1 | 0 | 0 | gene |
| husec41_c482 | chr1 | 0 | 0 | gene |
| husec41_c1536 | chr1 | 0 | 0 | gene |
| husec41_c398 | chr1 | 0 | 0 | gene |
| husec41_c126 | chr1 | 0 | 0 | gene |
| husec41_c701 | chr1 | 0 | 0 | gene |
| husec41_c755 | chr1 | 0 | 0 | gene |
| husec41_c296 | chr1 | 0 | 0 | gene |
| husec41_c296 | chr1 | 0 | 0 | gene |

| | | | | |
|---|---|---|---|---|
| husec41_c1149 | chr1 | 0 | 0 | gene |
| | | | | |
| husec41_c968 | chr1 | 0 | 0 | gene |
| | | | | |
| husec41_c661 | chr1 | 0 | 0 | gene |
| | | | | |
| husec41_c738 | chr1 | 0 | 0 | gene |
| | | | | |
| husec41_c227 | chr1 | 0 | 0 | gene |
| | | | | |
| husec41_c1222 | chr1 | 0 | 0 | gene |
| | | | | |
| husec41_c1847 | chr1 | 0 | 0 | gene |
| | | | | |
| husec41_c635 | chr1 | 0 | 0 | gene |
| | | | | |
| husec41_c901 | chr1 | 0 | 0 | gene |
| | | | | |
| husec41_c742 | chr1 | 0 | 0 | gene |
| | | | | |
| husec41_c907 | chr1 | 0 | 0 | gene |
| | | | | |
| hus | chr1 | 0 | 0 | |