| Sample | Contig       | Closest BLAST match in Genbank | Bacterial host of closest match | Identity (%) | Coverage (%) |
|--------|-------------|-------------------------------|---------------------------------|--------------|--------------|
| WCM3   | k141_292096 | pPm14C18                      | Proteus mirabilis               | 99.88        | 100.00       |
| SD1    | k141_106889 | pSCU-397-2                    | Escherichia coli                | 99.11        | 99.00        |
|        | k141_227167 | pAN70-1                       | Alcaligenes faecalis            | 99.96        | 100.00       |
|        | k141_704017*| pNFYY023-1                   | Comamonas testosteroni          | 99.94        | 91.00        |
|        | k141_836485 | pG5A4Y217                     | Escherichia coli                | 99.34        | 58.00        |
|        | k141_99417  | pKP14812-MCR1                 | Klebsiella pneumoniae           | 97.57        | 40.00        |
| WD1    | k141_128693 | p33                           | Escherichia coli                | 100.00       | 76.00        |
|        | k141_134061 | unnamed plasmid               | Butyrimonas faecalis            | 89.14        | 28.00        |
|        | k141_139895 | pCPB-3-IncFIB                 | Escherichia coli                | 95.34        | 99.00        |
|        | k141_160447*| pCAV1335-92                  | Klebsiella oxytoca              | 98.76        | 100.00       |
|        | k141_205613 | p1                            | Klebsiella pneumoniae           | 99.76        | 90.00        |
|        | k141_256831*| pGENC284                      | Enterobacter hormaechei subsp. Xiangfangensis | 100.00 | 100.00 |
|        | k141_304072 | pSL7202-3                     | Salmonella enterica subsp. enterica serovar Typhimurium | 99.98 | 81.00 |
|        | k141_344452 | pRWC72a                       | Uncultured bacterium            | 98.60        | 100.00       |
|        | k141_377411*| pUCLA0X232-5                  | Klebsiella pneumoniae           | 100.00       | 41.00        |
|        | k141_391604 | pTZC1                         | Cutibacterium acnes             | 98.57        | 91.00        |
|        | k141_44508  | pJF-786                       | Enterobacter cloacae            | 98.34        | 86.00        |
|        | k141_467424*| pYH12207-3                   | Acinetobacter piscicola         | 100.00       | 92.00        |
|        | k141_510896 | pG5A4Y217                     | Escherichia coli                | 99.46        | 51.00        |
|        | k141_604491 | pSTN0717-64-1                 | Enterobacter hormaechei         | 99.75        | 100.00       |
|        | k141_719363 | pSAN1-06-0624                 | Salmonella enterica subsp. enterica serovar Anatum | 100.00 | 100.00 |
|        | k141_719904 | pAeme6                        | Aeromonas media                 | 99.77        | 100.00       |
|        | k141_804869 | pMRGN207                      | Escherichia coli                | 99.59        | 70.00        |
|        | k141_881861 | pBS228                        | Pseudomonas aeruginosa          | 99.94        | 92.00        |
|        | k141_903595 | pWCX23_1                      | Aeromonas hydrophila            | 99.87        | 100.00       |
| GenBank Accession | Plasmid ID | Organism Name | Identity % | Similarity % |
|-------------------|------------|---------------|------------|--------------|
| k141_91069        | pPN3F2_1   | Shewanella aestuarii | 99.23      | 68.00        |
| k141_324783       | pEC422_1   | Escherichia coli | 99.91      | 81.00        |
| k141_325504       | Unnamed plasmid | Klebsiella michiganensis | 100.00    | 33.00        |
| k141_343850       | RW109      | Pseudomonas aeruginosa | 99.92      | 58.00        |
| k141_461478*      | pAN70-1    | Alcaligenes faecalis | 100.00    | 100.00       |
| k141_701410       | pGENC284  | Enterobacter hormaechei subsp. Xiangfangensis | 100.00    | 100.00       |
| k141_743709       | pN1566_2  | Salmonella enterica subsp. enterica serovar Schwarzengrund | 99.77     | 100.00       |
| k141_109523       | pVB82_1    | Acinetobacter baumannii | 99.94     | 92.00        |
| k141_113493*      | pYH12207-3 | Acinetobacter piscicola | 99.93     | 78.00        |
| k141_500987       | p24358-1  | Salmonella enterica subsp. enterica serovar Bredeney | 99.86     | 100.00       |
| k141_723703*      | pNFYY023-1 | Comamonas testosteroni | 100.00    | 99.00        |
| k141_740211       | pVCGX2     | Vibrio campbellii | 99.94     | 100.00       |
| k141_740911       | pMH17-012N_3 | Citrobacter freundii | 99.19      | 95.00        |
| k141_76560        | p3         | Novosphingobium sp. ES2-1 | 99.93     | 72.00        |
| k141_777886       | p1681-tetX | Empedobacter falsenii | 98.40     | 98.00        |
| k141_1668271      | pOXA58_010030 | Acinetobacter defluvii | 99.82     | 100.00       |
| k141_625842       | pCF39S     | Pseudomonas aeruginosa | 99.94     | 99.00        |
| k141_546527       | pEI-2234-3 | Edwardsiella ictaluri | 61.00     | 100.00       |
| k141_806265       | pG5A4Y217  | Escherichia coli | 99.78      | 74.00        |
| k141_583117       | pGENC284  | Enterobacter hormaechei subsp. Xiangfangensis | 99.81     | 59.00        |
| k141_104572       | pAH01-4    | Escherichia coli | 99.74      | 100.00       |
| k141_124684       | p116753-FIIK | Klebsiella pneumoniae | 100.00    | 82.00        |
| k141_158642*      | pPm14C18  | Proteus mirabilis | 99.90      | 51.00        |
| k141_173719       | pWP7-S18-ESBL-04 | Klebsiella sp. WP7-S18-ESBL-04 | 99.97    | 72.00        |
| k141_243506*      | pYPR31    | Providencia rettgeri | 100.00    | 100.00       |
| k141_100623       | p63039    | Myroides odoratimimus | 99.89     | 100.00       |
| k141_204766       | pKP20194a-p3 | Klebsiella pneumoniae | 100.00    | 100.00       |
| Accession | Type | Organism                          | Identity | Similarity |
|-----------|------|-----------------------------------|----------|------------|
| k141_225349 | p1   | Neisseria gonorrhoeae             | 98.74    | 100.00     |
| k141_239404 | p24358-1 | Salmonella enterica subsp. enterica serovar Bredeney | 99.97    | 99.00      |
| k141_24536 | pA2293-Ct2 | Klebsiella pneumoniae             | 99.64    | 100.00     |
| k141_270502 | pNA6  | Uncultured bacterium              | 99.93    | 30.00      |
| k141_333949 | pLraf_19_5_1 | Lactococcus raffinolactis        | 94.90    | 37.00      |
| k141_383255 | pHNCF11W-130kb | Escherichia fergusonii          | 100.00   | 100.00     |
| k141_393768 | pVCGX2 | Vibrio campbellii                 | 99.83    | 100.00     |
| k141_451891 | pRErm46 | Rhodococcus hoagii               | 99.00    | 89.00      |
| k141_464290 | pC16KP0065-1 | Klebsiella pneumoniae              | 100.00   | 39.00      |
| k141_479837 | pEI-2234-3 | Edwardsiella ictaluri            | 99.90    | 100.00     |
| k141_556637 | pRGRH0399 | Uncultured bacterium              | 94.84    | 80.00      |
| k141_557329 | pHDC14-2.133K | Enterococcus hirae               | 98.45    | 88.00      |
| k141_569663* | pNFYY023-1 | Comamonas testosteroni           | 99.98    | 80.00      |
| k141_574437 | Plasmid 2 | Salmonella enterica subsp. enterica serovar Typhi | 99.44    | 96.00      |
| k141_94024* | pAb-C63_1 | Acinetobacter baumannii           | 99.95    | 79.00      |

**WD7**

| Accession | Type | Organism                          | Identity | Similarity |
|-----------|------|-----------------------------------|----------|------------|
| k141_113036 | pEI-2234-3 | Edwardsiella ictaluri            | 100.00   | 100.00     |
| k141_119966 | pHNCF11W-130kb | Escherichia fergusonii          | 100.00   | 100.00     |
| k141_139664 | pMS2H5VEB-1 | Klebsiella pneumoniae             | 99.88    | 95.00      |
| k141_16407 | pBS228 | Pseudomonas aeruginosa            | 99.79    | 71.00      |
| k141_174331 | pRSB222 | Uncultured bacterium              | 97.35    | 83.00      |
| k141_262055 | pG5A4Y217 | Escherichia coli                 | 90.98    | 85.00      |
| k141_323094 | pN1566_2 | Salmonella enterica subsp. enterica serovar Schwarzengrund | 100.00   | 100.00     |
| k141_337873 | pMH17-012N_3 | Citrobacter freundii             | 98.83    | 92.00      |
| k141_362572 | pALTS33 | Uncultured bacterium              | 93.81    | 54.00      |
| k141_38198 | pTet | Campylobacter jejuni subsp. jejuni | 99.89    | 100.00     |
| k141_389765 | pCAP01 | Capnocytophaga ochracea          | 89.11    | 35.00      |
| k141_390832 | pMR0211 | Providencia stuartii            | 99.96    | 95.00      |
| k141_47250 | pE211-2 | Enterococcus faecalis            | 99.41    | 100.00     |
| Sample  | Accession  | Plasmid  | Organism                          | Identity 1 | Identity 2 |
|---------|------------|----------|-----------------------------------|------------|------------|
| k141_51571* | p3iANG    | Vibrio cholerae |                                     | 97.91      | 85.00      |
| k141_5646*  | pYH12207-3 | Acinetobacter pisciola |                                 | 100.00     | 96.00      |
| k141_7584   | p63039     | Myroides odoratimimus |                               | 99.89      | 26.00      |
| k141_93260* | pSY153-MDR | Pseudomonas putida |                                    | 99.97      | 96.00      |
| k141_98708  | p345-185   | Vibrio harveyi |                                       | 94.32      | 77.00      |
| SAS1       | k141_249579| p3       | Novosphingobium sp. ES2-1          | 99.92      | 85.00      |
| WAS1       | k141_49220 | p4130-KPC | Pseudomonas aeruginosa            | 99.93      | 100.00     |
| SAS2       | k141_781158| pEl-2234-3| Edwardsiella ictaluri             | 100.00     | 100.00     |
| WAS3       | k141_1155247| p3     | Novosphingobium sp. ES2-1         | 90.90      | 92.00      |
| WAM1       | k141_388101| pP72_e  | Phaeobacter inhibens             | 98.95      | 99.00      |
| WAM1       | k141_448754| pEl-2234-3| Edwardsiella ictaluri            | 99.65      | 100.00     |
| WAM3       | k141_457349| pCF39S  | Pseudomonas aeruginosa          | 100.00     | 88.00      |
| WAM6       | k141_67005 | pHH2-227 | Uncultured bacterium          | 99.94      | 99.00      |