**S1 Table** Unique genes of *Af*Mc250

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| **Mc250 Locus tag** | **Prodcut** |
| DUD43\_00080 | potassium transporter |
| DUD43\_00220 | autotransporter outer membrane beta-barrel domain-containing protein |
| DUD43\_00375 | MFS transporter |
| DUD43\_00450 | hypothetical protein |
| DUD43\_00695 | DUF2157 domain-containing protein |
| DUD43\_00770 | hypothetical protein |
| DUD43\_01090 | pseudouridine synthase |
| DUD43\_01320 | glycosyl transferase |
| DUD43\_01655 | hypothetical protein |
| DUD43\_02235 | ATPase |
| DUD43\_02245 | hypothetical protein |
| DUD43\_02250 | hypothetical protein |
| DUD43\_02255 | hypothetical protein |
| DUD43\_02260 | MFS transporter |
| DUD43\_02320 | hypothetical protein |
| DUD43\_02365 | TetR/AcrR family transcriptional regulator |
| DUD43\_02525 | TonB-dependent siderophore receptor |
| DUD43\_02775 | autotransporter outer membrane beta-barrel domain-containing protein |
| DUD43\_02780 | hypothetical protein |
| DUD43\_02905 | SDR family NAD%28P%29-dependent oxidoreductase |
| DUD43\_02910 | AraC family transcriptional regulator |
| DUD43\_02920 | ferrous iron transport protein A |
| DUD43\_03005 | helicase |
| DUD43\_03010 | DUF1156 domain-containing protein |
| DUD43\_03015 | Appr-1-p processing protein |
| DUD43\_03020 | DUF4433 domain-containing protein |
| DUD43\_03025 | DUF3780 domain-containing protein |
| DUD43\_03030 | DUF499 domain-containing protein |
| DUD43\_03035 | hypothetical protein |
| DUD43\_03040 | integrase |
| DUD43\_03080 | DUF4111 domain-containing protein |
| DUD43\_03090 | hypothetical protein |
| DUD43\_03095 | disulfide bond formation protein B |
| DUD43\_03235 | hypothetical protein |
| DUD43\_03445 | hypothetical protein |
| DUD43\_04200 | oxidoreductase |
| DUD43\_04210 | PepSY domain-containing protein |
| DUD43\_04430 | hypothetical protein |
| DUD43\_04505 | hypothetical protein |
| DUD43\_04560 | hypothetical protein |
| DUD43\_04565 | MarR family transcriptional regulator |
| DUD43\_04650 | hypothetical protein |
| DUD43\_04930 | hypothetical protein |
| DUD43\_04985 | FAD-dependent monooxygenase |
| DUD43\_05090 | hypothetical protein |
| DUD43\_05250 | hypothetical protein |
| DUD43\_05415 | hypothetical protein |
| DUD43\_05760 | glycosyltransferase family 1 protein |
| DUD43\_05800 | hypothetical protein |
| DUD43\_05870 | hypothetical protein |
| DUD43\_05875 | DUF1176 domain-containing protein |
| DUD43\_06220 | flagellar hook-length control protein FliK |
| DUD43\_06440 | hypothetical protein |
| DUD43\_06445 | DUF2591 domain-containing protein |
| DUD43\_06450 | hypothetical protein |
| DUD43\_06465 | hypothetical protein |
| DUD43\_06475 | hypothetical protein |
| DUD43\_06490 | hypothetical protein |
| DUD43\_06505 | hypothetical protein |
| DUD43\_06510 | helix-turn-helix domain-containing protein |
| DUD43\_06520 | hypothetical protein |
| DUD43\_06555 | hypothetical protein |
| DUD43\_06560 | HNH endonuclease |
| DUD43\_06565 | TerS protein |
| DUD43\_06570 | terminase large subunit |
| DUD43\_06575 | phage portal protein |
| DUD43\_06580 | HK97 family phage prohead protease |
| DUD43\_06585 | phage major capsid protein |
| DUD43\_06590 | hypothetical protein |
| DUD43\_06595 | phage gp6-like head-tail connector protein |
| DUD43\_06610 | DUF3168 domain-containing protein |
| DUD43\_06630 | phage tail tape measure protein |
| DUD43\_06655 | SGNH/GDSL hydrolase family protein |
| DUD43\_06660 | hypothetical protein |
| DUD43\_06675 | DUF2514 family protein |
| DUD43\_06680 | SOS response-associated peptidase |
| DUD43\_06720 | sensor domain-containing diguanylate cyclase |
| DUD43\_06920 | hypothetical protein |
| DUD43\_07080 | EamA family transporter |
| DUD43\_07085 | hypothetical protein |
| DUD43\_07180 | site-specific integrase |
| DUD43\_07185 | DNA-binding protein |
| DUD43\_07190 | hypothetical protein |
| DUD43\_07200 | hypothetical protein |
| DUD43\_07210 | hypothetical protein |
| DUD43\_07225 | DUF1566 domain-containing protein |
| DUD43\_07270 | hypothetical protein |
| DUD43\_07275 | S24 family peptidase |
| DUD43\_07280 | hypothetical protein |
| DUD43\_07285 | hypothetical protein |
| DUD43\_07290 | MarR family transcriptional regulator |
| DUD43\_07310 | hypothetical protein |
| DUD43\_07320 | hypothetical protein |
| DUD43\_07325 | hypothetical protein |
| DUD43\_07330 | terminase small subunit |
| DUD43\_07335 | hypothetical protein |
| DUD43\_07340 | hypothetical protein |
| DUD43\_07345 | hypothetical protein |
| DUD43\_07350 | hypothetical protein |
| DUD43\_07355 | hypothetical protein |
| DUD43\_07360 | DUF4043 family protein |
| DUD43\_07365 | hypothetical protein |
| DUD43\_07370 | hypothetical protein |
| DUD43\_07375 | hypothetical protein |
| DUD43\_07380 | hypothetical protein |
| DUD43\_07385 | hypothetical protein |
| DUD43\_07390 | hypothetical protein |
| DUD43\_07395 | hypothetical protein |
| DUD43\_07400 | hypothetical protein |
| DUD43\_07405 | hypothetical protein |
| DUD43\_07410 | hypothetical protein |
| DUD43\_07415 | lysozyme |
| DUD43\_07425 | hypothetical protein |
| DUD43\_07435 | hypothetical protein |
| DUD43\_07450 | hypothetical protein |
| DUD43\_07520 | hypothetical protein |
| DUD43\_07540 | hypothetical protein |
| DUD43\_07545 | hypothetical protein |
| DUD43\_07815 | ATP-binding protein |
| DUD43\_07820 | hypothetical protein |
| DUD43\_07905 | hypothetical protein |
| DUD43\_07960 | hypothetical protein |
| DUD43\_08155 | MFS transporter |
| DUD43\_08215 | hypothetical protein |
| DUD43\_08240 | DUF2075 domain-containing protein |
| DUD43\_08245 | hypothetical protein |
| DUD43\_08250 | DUF2514 family protein |
| DUD43\_08255 | DUF3320 domain-containing protein |
| DUD43\_08390 | hypothetical protein |
| DUD43\_08820 | hypothetical protein |
| DUD43\_08860 | HNH endonuclease |
| DUD43\_08875 | hypothetical protein |
| DUD43\_08890 | single-stranded DNA-binding protein |
| DUD43\_08910 | hypothetical protein |
| DUD43\_08915 | hypothetical protein |
| DUD43\_08920 | hypothetical protein |
| DUD43\_08935 | hypothetical protein |
| DUD43\_08940 | hypothetical protein |
| DUD43\_08945 | MarR family transcriptional regulator |
| DUD43\_08960 | hypothetical protein |
| DUD43\_08965 | hypothetical protein |
| DUD43\_08985 | hypothetical protein |
| DUD43\_09020 | hypothetical protein |
| DUD43\_09025 | hypothetical protein |
| DUD43\_09035 | hypothetical protein |
| DUD43\_09040 | hypothetical protein |
| DUD43\_09055 | nucleoid-associated protein NdpA |
| DUD43\_09060 | hypothetical protein |
| DUD43\_09065 | hypothetical protein |
| DUD43\_09085 | hypothetical protein |
| DUD43\_09115 | hypothetical protein |
| DUD43\_09150 | hypothetical protein |
| DUD43\_09155 | hypothetical protein |
| DUD43\_09160 | DUF2514 family protein |
| DUD43\_09165 | hypothetical protein |
| DUD43\_09170 | hypothetical protein |
| DUD43\_09180 | hypothetical protein |
| DUD43\_09185 | hypothetical protein |
| DUD43\_09190 | hypothetical protein |
| DUD43\_09195 | hypothetical protein |
| DUD43\_09260 | hypothetical protein |
| DUD43\_09340 | hypothetical protein |
| DUD43\_09475 | ATP-binding protein |
| DUD43\_09480 | hypothetical protein |
| DUD43\_09485 | hypothetical protein |
| DUD43\_09530 | hypothetical protein |
| DUD43\_09730 | hypothetical protein |
| DUD43\_09760 | MFS transporter |
| DUD43\_09765 | TetR/AcrR family transcriptional regulator |
| DUD43\_10040 | MFS transporter |
| DUD43\_10225 | prolyl-tRNA synthetase associated domain-containing protein |
| DUD43\_10250 | DsbA family protein |
| DUD43\_10260 | hypothetical protein |
| DUD43\_10295 | hypothetical protein |
| DUD43\_10300 | DUF523 domain-containing protein |
| DUD43\_10305 | LysR family transcriptional regulator |
| DUD43\_10310 | PhzF family phenazine biosynthesis protein |
| DUD43\_10315 | RidA family protein |
| DUD43\_10335 | ligand-binding protein SH3 |
| DUD43\_10765 | LysR family transcriptional regulator |
| DUD43\_10850 | hypothetical protein |
| DUD43\_10855 | hypothetical protein |
| DUD43\_11050 | zinc-binding alcohol dehydrogenase family protein |
| DUD43\_11055 | transcriptional regulator |
| DUD43\_11165 | hypothetical protein |
| DUD43\_11215 | hypothetical protein |
| DUD43\_11510 | Lrp/AsnC family transcriptional regulator |
| DUD43\_11895 | DMT family transporter |
| DUD43\_11945 | hypothetical protein |
| DUD43\_11950 | hypothetical protein |
| DUD43\_11955 | hypothetical protein |
| DUD43\_12390 | hypothetical protein |
| DUD43\_12415 | LysR family transcriptional regulator |
| DUD43\_12420 | MFS transporter |
| DUD43\_12435 | antibiotic biosynthesis monooxygenase |
| DUD43\_12440 | NADPH:quinone oxidoreductase |
| DUD43\_12445 | ArsR family transcriptional regulator |
| DUD43\_12650 | aminotransferase class III-fold pyridoxal phosphate-dependent enzyme |
| DUD43\_12655 | helix-turn-helix domain-containing protein |
| DUD43\_12965 | hypothetical protein |
| DUD43\_13570 | porin |
| DUD43\_13645 | FAD:protein FMN transferase |
| DUD43\_13660 | DUF1275 domain-containing protein |
| DUD43\_13785 | hypothetical protein |
| DUD43\_13790 | ABC transporter ATP-binding protein |
| DUD43\_13795 | ABC transporter permease |
| DUD43\_13800 | TolC family protein |
| DUD43\_13805 | HlyD family efflux transporter periplasmic adaptor subunit |
| DUD43\_13890 | hypothetical protein |
| DUD43\_13910 | hypothetical protein |
| DUD43\_14080 | hypothetical protein |
| DUD43\_14105 | AraC family transcriptional regulator |
| DUD43\_14265 | type 1 fimbrial protein |
| DUD43\_14330 | hypothetical protein |
| DUD43\_14540 | hypothetical protein |
| DUD43\_14545 | hypothetical protein |
| DUD43\_14550 | hypothetical protein |
| DUD43\_15155 | DUF2834 domain-containing protein |
| DUD43\_15160 | N-acetyltransferase |
| DUD43\_15165 | GFA family protein |
| DUD43\_15170 | hypothetical protein |
| DUD43\_15175 | hypothetical protein |
| DUD43\_15405 | hypothetical protein |
| DUD43\_15515 | autotransporter outer membrane beta-barrel domain-containing protein |
| DUD43\_15780 | hypothetical protein |
| DUD43\_16195 | hypothetical protein |
| DUD43\_16570 | magnesium transporter CorA family protein |
| DUD43\_16575 | magnesium transporter CorA family protein |
| DUD43\_16580 | magnesium transporter CorA family protein |
| DUD43\_16890 | acyltransferase |
| DUD43\_16895 | hypothetical protein |
| DUD43\_16905 | glycosyltransferase |
| DUD43\_16910 | O-antigen ligase domain-containing protein |
| DUD43\_16915 | glycosyltransferase |
| DUD43\_16955 | hypothetical protein |
| DUD43\_16975 | dTDP-4-dehydrorhamnose reductase |
| DUD43\_17260 | sulfate ABC transporter substrate-binding protein |
| DUD43\_17265 | formate dehydrogenase-N subunit alpha |
| DUD43\_17295 | TetR family transcriptional regulator |
| DUD43\_17370 | hypothetical protein |
| DUD43\_17410 | glycosyltransferase |
| DUD43\_17415 | hypothetical protein |
| DUD43\_17440 | hypothetical protein |
| DUD43\_17500 | hypothetical protein |
| DUD43\_17795 | hypothetical protein |
| DUD43\_17995 | AraC family transcriptional regulator |
| DUD43\_18225 | APH%286%29 family putative aminoglycoside O-phosphotransferase |
| DUD43\_18260 | GNAT family N-acetyltransferase |
| DUD43\_18990 | hypothetical protein |
| DUD43\_19030 | hypothetical protein |