* + 1. Identified subtypes, through rMLST and CRISPR analysis, in the *Yersinia* and *Salmonella* datasets

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Species** | **Strain** | **RefSeq Accession ID** | **rMLST Subtype** | **CRISPR Subtype** |
| *Y. enterocolitica* | 8081 | NC\_008800.1 | 16265 | N/A |
| *Y. enterocolitica* | 105.5R(r) | NC\_015224.1 | 16398 | N/A |
| *Y. enterocolitica* | 2516-87 | NZ\_CP009838.1 | 16310 | N/A |
| *Y. enterocolitica* | FDAARGOS\_1082 | NZ\_CP068146.1 | 167743 | N/A |
| *Y. enterocolitica* | FDAARGOS\_1090 | NZ\_CP068147.1 | 16305 | N/A |
| *Y. enterocolitica* | FORC\_002 | NZ\_CP011118.1 | 78653 | N/A |
| *Y. enterocolitica* | KNG22703 | NZ\_CP011286.1 | 16310 | N/A |
| *Y. enterocolitica* | LC20 | NZ\_CP007448.1 | 93236 | N/A |
| *Y. enterocolitica* | MGYG-HGUT-02335 | NZ\_LR698980.1 | 16307 | N/A |
| *Y. enterocolitica* | NCTC12982 | NZ\_LR590469.1 | 16327 | N/A |
| *Y. enterocolitica* | NCTC13629 | NZ\_LR134161.1 | 16307 | N/A |
| *Y. enterocolitica* | NCTC13769 | NZ\_LR134335.1 | 16304 | N/A |
| *Y. enterocolitica* | WA | NZ\_CP009367.1 | 16327 | N/A |
| *Y. enterocolitica* | Y1 | NZ\_CP030980.1 | 117042 | N/A |
| *Y. enterocolitica* | Y11 | NC\_017564.1 | 16304 | N/A |
| *Y. enterocolitica* | YE1 | NZ\_CP016945.1 | 78654 | N/A |
| *Y. enterocolitica* | YE165 | NZ\_CP016931.1 | 78655 | N/A |
| *Y. enterocolitica* | YE3 | NZ\_CP016944.1 | 78654 | N/A |
| *Y. enterocolitica* | YE5 | NZ\_CP016940.1 | 78654 | N/A |
| *Y. enterocolitica* | YE53/03 | NZ\_HF571988.1 | 78656 | N/A |
| *Y. enterocolitica* | YE6 | NZ\_CP016937.1 | 78654 | N/A |
| *Y. enterocolitica* | YE7 | NZ\_CP016935.1 | 78657 | N/A |
| *Y. pestis* | 790 | NZ\_CP006806.1 | 28756 | Y1 |
| *Y. pestis* | 1045 | NZ\_CP006794.1 | 28756 | Y2 |
| *Y. pestis* | 1412 | NZ\_CP006783.1 | 16403 | Y3 |
| *Y. pestis* | 1413 | NZ\_CP006762.1 | 16403 | Y4 |
| *Y. pestis* | 1522 | NZ\_CP006758.1 | 16269 | Y5 |
| *Y. pestis* | 2944 | NZ\_CP006792.1 | 28756 | Y6 |
| *Y. pestis* | 3067 | NZ\_CP006754.1 | 16403 | Y7 |
| *Y. pestis* | 3770 | NZ\_CP006751.1 | 16403 | Y8 |
| *Y. pestis* | 8787 | NZ\_CP006748.1 | 16403 | Y9 |
| *Y. pestis* | 91001 | NC\_005810.1 | 28756 | Y10 |
| *Y. pestis* | 14D | NZ\_CP063303.2 | 28756 | Y11 |
| *Y. pestis* | 195/P | NZ\_CP019708.1 | 28756 | Y12 |
| *Y. pestis* | A1122 | NC\_017168.1 | 28756 | Y13 |
| *Y. pestis* | Angola | NC\_010159.1 | 16266 | Y14 |
| *Y. pestis* | Antiqua | NC\_008150.1 | 16267 | Y15 |
| *Y. pestis* | C-781 | NZ\_CP064117.1 | 28756 | Y16 |
| *Y. pestis* | C-783 | NZ\_CP064118.1 | 28756 | Y17 |
| *Y. pestis* | C-792 | NZ\_CP064119.2 | 28756 | Y18 |
| *Y. pestis* | C-830 | NZ\_CP064127.1 | Ypes\_1 | Y19 |
| *Y. pestis* | Cadman | NZ\_CP016273.1 | 16286 | Y20 |
| *Y. pestis* | CO92 | NC\_003143.1 | 28756 | Y21 |
| *Y. pestis* | D106004 | NC\_017154.1 | Ypes\_2 | Y22 |
| *Y. pestis* | D182038 | NC\_017160.1 | Ypes\_3 | Y23 |
| *Y. pestis* | Dodson | NZ\_CP009844.1 | 28756 | Y24 |
| *Y. pestis* | El Dorado | NZ\_CP009785.1 | 28756 | Y25 |
| *Y. pestis* | EV NEIIG | NZ\_CP065918.1 | 28756 | Y26 |
| *Y. pestis* | FDAARGOS\_601 | NZ\_CP033699.1 | 16267 | Y27 |
| *Y. pestis* | FDAARGOS\_602 | NZ\_CP033696.1 | 16279 | Y28 |
| *Y. pestis* | FDAARGOS\_603 | NZ\_CP033690.1 | 28756 | Y29 |
| *Y. pestis* | Harbin 35 | NC\_017265.1 | 28756 | Y30 |
| *Y. pestis* | I-1252 | NZ\_CP064126.1 | 28756 | Y31 |
| *Y. pestis* | Java9 | NZ\_CP009996.1 | 35034 | Y32 |
| *Y. pestis* | KIM | NC\_004088.1 | 28756 | Y33 |
| *Y. pestis* | KIM5 | NZ\_CP009836 | 28756 | Y34 |
| *Y. pestis* | KM 567 | NZ\_CP064120.1 | 28756 | Y35 |
| *Y. pestis* | M-1482 | NZ\_CP064121.1 | 28756 | Y36 |
| *Y. pestis* | M-1770 | NZ\_CP064122.2 | 28756 | Y37 |
| *Y. pestis* | M-1974 | NZ\_CP064124.1 | 16279 | Y38 |
| *Y. pestis* | M2029 | NZ\_CP064123.1 | 28756 | Y39 |
| *Y. pestis* | M2085 | NZ\_CP064125.2 | 28756 | Y40 |
| *Y. pestis* | M2086 | NZ\_CP064128.1 | 28756 | Y41 |
| *Y. pestis* | Nairobi | NZ\_CP010293.1 | 16267 | Y42 |
| *Y. pestis* | Nepal516 | NC\_008149.1 | 28756 | Y43 |
| *Y. pestis* | Nicholisk 41 | NZ\_CP009991.1 | 28756 | Y44 |
| *Y. pestis* | PBM19 | NZ\_CP009492.1 | 28756 | Y45 |
| *Y. pestis* | Pestoides B | NZ\_CP010023.1 | 16279 | Y46 |
| *Y. pestis* | Pestoides F | NC\_009381.1 | 16269 | Y47 |
| *Y. pestis* | Pestoides G | NZ\_CP010247.1 | 16403 | Y48 |
| *Y. pestis* | S19960127 | NZ\_CP045640.1 | 161633 | Y49 |
| *Y. pestis* | SCPM-O-B-5935 (I-1996) | NZ\_CP045154.1 | 28756 | Y50 |
| *Y. pestis* | SCPM-O-B-5942 (I-2638) | NZ\_CP045258.1 | 28756 | Y51 |
| *Y. pestis* | SCPM-O-B-6291 (C-25) | NZ\_CP045163.1 | 28756 | Y52 |
| *Y. pestis* | SCPM-O-B-6530 (C-771) | NZ\_CP045158.1 | 28756 | Y53 |
| *Y. pestis* | SCPM-O-B-6899 (231) | NZ\_CP045145.1 | 28756 | Y54 |
| *Y. pestis* | SCPM-O-DNA-18 (I-3113) | NZ\_CP045149.1 | 28756 | Y55 |
| *Y. pestis* | Shasta | NZ\_CP009723.1 | 28756 | Y56 |
| *Y. pestis* | Z176003 | NC\_014029.1 | 28756 | Y57 |
| *Y. pseudotuberculosis* | 1 | NZ\_CP009786.1 | 16271 | Y58 |
| *Y. pseudotuberculosis* | ATCC 6904 | NZ\_CP008943.1 | 78684 | Y59 |
| *Y. pseudotuberculosis* | EP2/+ | NZ\_CP009759.1 | 78685 | Y60 |
| *Y. pseudotuberculosis* | FDAARGOS\_342 | NZ\_CP031780.1 | 78686 | Y61 |
| *Y. pseudotuberculosis* | FDAARGOS\_579 | NZ\_CP033717.1 | 16273 | Y62 |
| *Y. pseudotuberculosis* | FDAARGOS\_580 | NZ\_CP033715.1 | 16393 | Y63 |
| *Y. pseudotuberculosis* | FDAARGOS\_581 | NZ\_CP033713.1 | 16293 | Y64 |
| *Y. pseudotuberculosis* | FDAARGOS\_582 | NZ\_CP033711.1 | 16272 | Y65 |
| *Y. pseudotuberculosis* | FDAARGOS\_583 | NZ\_CP033709.1 | 16293 | Y66 |
| *Y. pseudotuberculosis* | FDAARGOS\_584 | NZ\_CP033707.1 | 16273 | Y67 |
| *Y. pseudotuberculosis* | FDAARGOS\_665 | NZ\_CP044064.1 | 16287 | Y68 |
| *Y. pseudotuberculosis* | IP 31758 | NC\_009708.1 | Ypse\_1 | Y69 |
| *Y. pseudotuberculosis* | IP 32953 | NC\_006155.1 | 16271 | Y70 |
| *Y. pseudotuberculosis* | IP2666pIB1 | NZ\_CP032566.1 | 16271 | Y71 |
| *Y. pseudotuberculosis* | MD67 | NZ\_CP009757.1 | 16298 | Y72 |
| *Y. pseudotuberculosis* | NCTC10217 | NZ\_LR134163.1 | 16298 | Y73 |
| *Y. pseudotuberculosis* | NCTC10275 | NZ\_LR134373.1 | 16271 | Y74 |
| *Y. pseudotuberculosis* | NCTC3571 | NZ\_LR134306.1 | 16393 | Y75 |
| *Y. pseudotuberculosis* | NCTC8480 | NZ\_LR134160.1 | 16272 | Y76 |
| *Y. pseudotuberculosis* | NZYP4713 | NZ\_LT596221.1 | 16272 | Y77 |
| *Y. pseudotuberculosis* | Pa3606 | NZ\_CP010067.1 | 27426 | Y78 |
| *Y. pseudotuberculosis* | PB1/+ | NZ\_CP009780.1 | 16272 | Y79 |
| *Y. pseudotuberculosis* | YPIII | NZ\_CP009792.1 | 16273 | Y80 |
| *S. enterica* subsp. *enterica* ser. Dublin | ATCC 39184 | NZ\_CP019179.1 | 8225 | S2 |
| *S. enterica* subsp. *enterica* ser. Dublin | CFSAN059898 | NZ\_CP075113.1 | 1429 | S1 |
| *S. enterica* subsp. *enterica* ser. Dublin | CT\_02021853 | NC\_011205.1 | 1429 | S2 |
| *S. enterica* subsp. *enterica* ser. Dublin | CVM 22429 | NZ\_CP032396.1 | 1429 | S1 |
| *S. enterica* subsp. *enterica* ser. Dublin | CVM 22453 | NZ\_CP032393.1 | 1429 | S1 |
| *S. enterica* subsp. *enterica* ser. Dublin | CVM 34981 | NZ\_CP032390.1 | 1429 | S1 |
| *S. enterica* subsp. *enterica* ser. Dublin | CVM N45955 | NZ\_CP032387.1 | 27790 | S1 |
| *S. enterica* subsp. *enterica* ser. Dublin | CVM N53043 | NZ\_CP032384.1 | 1429 | S1 |
| *S. enterica* subsp. *enterica* ser. Dublin | USMARC-69807 | NZ\_CP032379.1 | 1429 | S1 |
| *S. enterica* subsp. *enterica* ser. Dublin | USMARC-69838 | NZ\_CP032449.1 | 1429 | S1 |
| *S. enterica* subsp. *enterica* ser. Dublin | USMARC-69840 | NZ\_CP032446.1 | 1429 | S1 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 18569 | NZ\_CP011394.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 2017K-0021 | NZ\_CP030794.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 49-2444 | NZ\_CP018633.1 | 3839 | S10 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 56-3991 | NZ\_CP018635.1 | 8185 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 69-3861 | NZ\_CP018637.1 | 1425 | S18 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 70-1605 | NZ\_CP018640.1 | 8185 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 74-1357 | NZ\_CP018642.1 | 1425 | S4 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 77-1427 | NZ\_CP007598.1 | 1425 | S12 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 77-2980 | NZ\_CP018644.1 | 76465 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 79-2359 | NZ\_CP018645.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 81-1435 | NZ\_CP018647.1 | 1425 | S8 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 81-1607 | NZ\_CP018648.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 81-1705 | NZ\_CP018651.1 | 1425 | S8 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 81-1706 | NZ\_CP018655.1 | 1425 | S8 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 92-0392 | NZ\_CP018657.1 | 3484 | S20 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 93-0639 | NZ\_CP018659.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | 95-0621 | NZ\_CP018661.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | A1636 | NZ\_CP063708.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | ATCC BAA-708 | NZ\_CP025554.1 | 1425 | S13 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | AUSMDU00010527 | NZ\_CP045956.1 | 27931 | S3 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | AUSMDU00010528 | NZ\_CP045955.1 | 26470 | S19 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Azumarill | NZ\_CP085805.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | CDC\_2010K-0968 | NZ\_CP007528.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | CFSAN008104 | NZ\_CP074661.1 | 1425 | S11 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | CFSAN033541 | NZ\_CP020823.1 | 1425 | S12 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | CFSAN033543 | NZ\_CP020825.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | CFSAN051827 | NZ\_CP075122.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | CFSAN051873 | NZ\_CP022003.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | CFSAN051882 | NZ\_CP075120.1 | 1425 | S13 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | CFSAN051890 | NZ\_CP075118.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | CFSAN076214 | NZ\_CP033340.1 | 1425 | S11 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Charizard | NZ\_CP085821.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Charmeleon | NZ\_CP085822.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Clefable | NZ\_CP085817.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Clefairy | NZ\_CP085818.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | CMCC50041 | NZ\_CP013097.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | CP255 | NZ\_CP063705.1 | 1424 | S9 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | D7795 | NZ\_CP063702.1 | 1424 | S9 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Durban | NZ\_CP007507.1 | 3888 | S13 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20090641 | NZ\_CP007249.2 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20090698 | NZ\_CP007248.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20100101 | NZ\_CP007246.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20100325 | NZ\_CP007360.2 | 27700 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20110221 | NZ\_CP007247.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20110354 | NZ\_CP007175.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20110355 | NZ\_CP007250.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20110356 | NZ\_CP007262.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20110357 | NZ\_CP007261.1 | 27707 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20110358 | NZ\_CP007260.1 | 27446 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20110359 | NZ\_CP007259.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20110360 | NZ\_CP007258.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20110361 | NZ\_CP007263.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20111095 | NZ\_CP007254.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20111174 | NZ\_CP007253.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20111175 | NZ\_CP007252.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20120002 | NZ\_CP007329.2 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20120005 | NZ\_CP007267.2 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20120008 | NZ\_CP007245.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20120200 | NZ\_CP007434.2 | 26645 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20121175 | NZ\_CP007269.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20121177 | NZ\_CP007333.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20121178 | NZ\_CP007271.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20121179 | NZ\_CP007272.2 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | EC20121180 | NZ\_CP007273.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | FORC\_007 | NZ\_CP009768.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | FORC\_052 | NZ\_CP016754.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | FORC\_075 | NZ\_CP023475.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Froakie | NZ\_CP085796.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Frogadier | NZ\_CP085795.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Glaceon | NZ\_CP085803.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Greninja | NZ\_CP085794.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Ivysaur | NZ\_CP085824.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Latias | NZ\_CP085798.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Latios | NZ\_CP085797.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Leafeon | NZ\_CP085804.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Marill | NZ\_CP085806.1 | 181124 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Mightyena | NZ\_CP085792.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Minun | NZ\_CP085813.1 | 181125 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | NCCP 16206 | NZ\_CP041973.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | OLF-00D989 87-1 | NZ\_CP011942.1 | 27446 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | OLF-SE10-10052 | NZ\_CP009092.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | OLF-SE1-1019-1 | NZ\_CP009083.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | OLF-SE11-10058 | NZ\_CP009093.1 | 1425 | S16 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | OLF-SE2-98984-6 | NZ\_CP009084.2 | 27446 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | OLF-SE3-98983-4 | NZ\_CP009085.2 | 27446 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | OLF-SE4-0317-8 | NZ\_CP009086.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | OLF-SE5-1104-2 | NZ\_CP009087.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | OLF-SE6-00219-16 | NZ\_CP009088.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | OLF-SE7-100819 | NZ\_CP009089.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | OLF-SE8-1021710 | NZ\_CP009090.1 | 1425 | S15 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | OLF-SE9-10012 | NZ\_CP009091.1 | 49191 | S17 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | P125109 | NC\_011294.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | P125109 | NZ\_CP063700.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | PIR00532 | NZ\_CP025559.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Plusle | NZ\_CP085814.1 | 181126 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Poochyena | NZ\_CP085793.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | PT1 | NZ\_CP043433.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | R17.4111 | NZ\_CP063289.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | RM2968 | NZ\_CP028151.1 | 1425 | S11 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | RM4283 | NZ\_CP028157.1 | 1425 | S11 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SA19960848 | NZ\_CP007280.2 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SA19970510 | NZ\_CP007282.2 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SA19970769 | NZ\_CP007283.2 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SA19980677 | NZ\_CP007285.2 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SA19981522 | NZ\_CP007286.2 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SA19981857 | NZ\_CP007288.2 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SA19992322 | NZ\_CP007291.2 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SA19994216 | NZ\_CP007292.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SA20082034 | NZ\_CP007425.1 | 27675 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SA20094352 | NZ\_CP007312.2 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SAP18-0432 | NZ\_CP040644.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SAP18-H9654 | NZ\_CP040646.1 | 1425 | S7 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SE104 | NZ\_CP050712.1 | 28412 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SE109 | NZ\_CP050709.1 | 28412 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SE124 | NZ\_CP050706.1 | 28412 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SE211 | NZ\_CP084532.1 | 28412 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SE74 | NZ\_CP050723.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SE81 | NZ\_CP050721.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SE86 | NZ\_CP019681.1 | 1425 | S13 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SE95 | NZ\_CP050716.1 | 28412 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SEE1 | NZ\_CP011790.1 | Ent1 | S13 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SEE2 | NZ\_CP011791.1 | Ent2 | S13 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SEJ | NZ\_CP008928.1 | 1425 | S13 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SEO | NZ\_CP033090.1 | 1425 | S14 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SJTUF10978 | NZ\_CP015524.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SJTUF10984 | NZ\_CP015526.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SJTUF12367v2 | NZ\_CP041176.1 | 28412 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | SJTUF12519v2 | NZ\_CP041173.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Slowbro | NZ\_CP085815.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Slowpoke | NZ\_CP085816.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Swellow | NZ\_CP085799.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Taillow | NZ\_CP085800.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Venusaur | NZ\_CP085823.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Wailmer | NZ\_CP085802.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Enteritidis | Wailord | NZ\_CP085801.1 | 1425 | S5 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | 5 | NZ\_CP031359.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | 41578 | NC\_021810.1 | 3741 | S25 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | 41578 | NZ\_CP045762.1 | 3741 | S25 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | 09-036813-1A | NZ\_CP016525.1 | 1428 | S30 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | 11-004736-1-7 | NZ\_CP016514.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | 12-4374 | NZ\_CP012924.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | A3ES40 | NZ\_CP016561.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | A3EZ223 | NZ\_CP016563.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | AMR588-04-00318 | NZ\_CP016565.1 | 42168 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | AMR588-04-00320 | NZ\_CP016569.1 | 42168 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | AMR588-04-00435 | NZ\_CP016573.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | AMR588-04-00437 | NZ\_CP016576.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | AR-0404 | NZ\_CP044181.1 | 1428 | S21 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | B182 | NC\_017623.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | CE-R2-11-0435 | NZ\_CP016517.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | CFSAN002064 | NZ\_CP005995.1 | 1428 | S22 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | CFSAN002069 | NC\_021812.2 | 1428 | S22 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | CFSAN067218 | NZ\_CP028311.1 | 3741 | S25 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | CVM 20760 | NZ\_CP051410.1 | 26059 | S32 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | CVM 24359 | NZ\_CP051381.1 | 3741 | S32 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | CVM 28322 | NZ\_CP051358.1 | 3741 | S33 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | CVM 35161 | NZ\_CP051310.1 | 3741 | S32 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | FDAARGOS\_319 | NZ\_CP027412.1 | 3741 | S23 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | FDAARGOS\_54 | NZ\_CP026976.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | N13-01290 | NZ\_CP012930.1 | 1428 | S31 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | SA01AB09084001 | NZ\_CP016530.1 | 49192 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | SA02DT09004001 | NZ\_CP016521.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | SA02DT10168701 | NZ\_CP012921.1 | 49193 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | SARA35 | NZ\_CP019176.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | SH12-003 | NZ\_CP016507.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | SH12-007 | NZ\_CP016504.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | SH13-004 | NZ\_CP016586.1 | 1428 | S27 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | SH13-006 | NZ\_CP016579.1 | 1428 | S27 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | SH-2813-Parental 2 | NZ\_CP066851.1 | 1428 | S24 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | SL-312 | NZ\_CP043214.1 | 1428 | S29 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | SL476 | NC\_011083.1 | 1428 | S26 |
| *S. enterica* subsp. *enterica* ser. Heidelberg | UFPRLABMOR1 | NZ\_CP020101.1 | 1428 | S28 |
| *S. enterica* subsp. *enterica* ser. Newport | 0007-33 | NZ\_CP013685.1 | 1433 | S40 |
| *S. enterica* subsp. *enterica* ser. Newport | 0211-109 | NZ\_CP012598.1 | 1433 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | 0307-213 | NZ\_CP012599.1 | New2 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | CDC 2009K-1331 | NZ\_CP025248.1 | 1422 | S46 |
| *S. enterica* subsp. *enterica* ser. Newport | CDC 2010K-2159 | NZ\_CP007559.2 | 1434 | S34 |
| *S. enterica* subsp. *enterica* ser. Newport | CDC 2012K-0663 isolate USDA-ARS-USMARC-1936 | NZ\_CP025243.1 | 26984 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | CDC 2012K-0938 | NZ\_CP025246.1 | 26121 | S44 |
| *S. enterica* subsp. *enterica* ser. Newport | CFSAN000827 | NZ\_CP074606.1 | 63258 | S49 |
| *S. enterica* subsp. *enterica* ser. Newport | CFSAN001660 | NZ\_CP016010.1 | 1422 | S48 |
| *S. enterica* subsp. *enterica* ser. Newport | CFSAN003887 | NZ\_CP016014.1 | 8253 | S51 |
| *S. enterica* subsp. *enterica* ser. Newport | CFSAN003890 | NZ\_CP016012.1 | 26984 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | CVM 21538 | NZ\_CP010282.1 | 1433 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | CVM 21550 | NZ\_CP010283.1 | 1433 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | CVM 22425 | NZ\_CP010279.1 | New1 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | CVM 22462 | NZ\_CP010280.1 | 26714 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | CVM 22513 | NZ\_CP010281.1 | 1433 | S41 |
| *S. enterica* subsp. *enterica* ser. Newport | CVM 24374 | NZ\_CP051372.1 | 1433 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | CVM 34530 | NZ\_CP051317.1 | 1433 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | CVM N1543 | NZ\_CP010284.1 | 1433 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | CVM N18486 | NZ\_CP009561.1 | 1433 | S42 |
| *S. enterica* subsp. *enterica* ser. Newport | Levine 1 | NZ\_CP015923.1 | 1422 | S47 |
| *S. enterica* subsp. *enterica* ser. Newport | Levine 15 | NZ\_CP015924.1 | 1422 | S45 |
| *S. enterica* subsp. *enterica* ser. Newport | SAP18-8729 | NZ\_CP041208.1 | 1433 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | SL254 | NC\_011080.1 | 1433 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | USDA-ARS-USMARC-1923 | NZ\_CP025273.1 | 1433 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | USDA-ARS-USMARC-1924 | NZ\_CP025230.1 | 1433 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | USDA-ARS-USMARC-1925 | NZ\_CP025232.1 | 1434 | S36 |
| *S. enterica* subsp. *enterica* ser. Newport | USDA-ARS-USMARC-1926 | NZ\_CP025234.1 | 1433 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | USDA-ARS-USMARC-1927 | NZ\_CP007216.2 | 1422 | S50 |
| *S. enterica* subsp. *enterica* ser. Newport | USDA-ARS-USMARC-1928 | NZ\_CP025237.1 | 1433 | S38 |
| *S. enterica* subsp. *enterica* ser. Newport | USDA-ARS-USMARC-1929 | NZ\_CP025241.1 | 1433 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | USMARC-S3124.1 | NC\_021902.1 | 1433 | S39 |
| *S. enterica* subsp. *enterica* ser. Newport | VNSEC023 | NZ\_CP039437.1 | 63810 | S43 |
| *S. enterica* subsp. *enterica* ser. Newport | VNSEC031 | NZ\_CP039436.1 | 27467 | S35 |
| *S. enterica* subsp. *enterica* ser. Newport | WA\_14882 | NZ\_CP016357.1 | 8119 | S37 |
| *S. enterica* subsp. *enterica* ser. Paratyphi A | 50973 | NZ\_CP009049.1 | 3678 | S52 |
| *S. enterica* subsp. *enterica* ser. Paratyphi A | AKU\_12601 | NC\_011147.1 | 1427 | S52 |
| *S. enterica* subsp. *enterica* ser. Paratyphi A | ATCC 11511 | NZ\_CP019185.1 | 8131 | S52 |
| *S. enterica* subsp. *enterica* ser. Paratyphi A | ATCC 9150 | NC\_006511.1 | 1426 | S53 |
| *S. enterica* subsp. *enterica* ser. Paratyphi A | CMCC 50503 | NZ\_CP009559.1 | 3678 | S52 |
| *S. enterica* subsp. *enterica* ser. Paratyphi A | FDAARGOS\_368 | NZ\_CP023508.1 | 3678 | S52 |
| *S. enterica* subsp. *enterica* ser. Typhi | 1554-sc-2165329 | NZ\_LT905064.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 2010-007898 | NZ\_LT905139.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_201186 | NZ\_CP029958.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_202186 | NZ\_CP029956.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_203186 | NZ\_CP029942.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_204186 | NZ\_CP029954.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_205186 | NZ\_CP029950.1 | 1416 | S58 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_206186 | NZ\_CP029940.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_207186 | NZ\_CP029938.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_208103 | NZ\_CP029932.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_208186 | NZ\_CP029949.1 | 1416 | S54 |
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| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_211186 | NZ\_CP029945.1 | 1416 | S54 |
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| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_215186 | NZ\_CP029930.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_216103 | NZ\_CP029928.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_217103 | NZ\_CP029927.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_217186 | NZ\_CP029646.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_218186 | NZ\_CP029925.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_219186 | NZ\_CP029911.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_220186 | NZ\_CP029886.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_221186 | NZ\_CP029923.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_222186 | NZ\_CP029909.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_223186 | NZ\_CP029880.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_224186 | NZ\_CP029878.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_231186 | NZ\_CP029904.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_232103 | NZ\_CP029918.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_239103 | NZ\_CP029908.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_252186 | NZ\_CP029896.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_255186 | NZ\_CP029885.1 | 1416 | S54 |
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| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_268186 | NZ\_CP029883.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_269186 | NZ\_CP029922.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_282186 | NZ\_CP029920.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 311189\_291186 | NZ\_CP029894.1 | 1416 | S54 |
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| *S. enterica* subsp. *enterica* ser. Typhi | 343076\_217103 | NZ\_CP029914.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343076\_227128 | NZ\_CP029875.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343076\_232188 | NZ\_CP029900.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343076\_241106 | NZ\_CP029899.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343076\_248190 | NZ\_CP029882.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343076\_249107 | NZ\_CP029913.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343076\_252143 | NZ\_CP029892.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343076\_253155 | NZ\_CP029890.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343076\_269157 | NZ\_CP029881.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343076\_294172 | NZ\_CP029888.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_211171 | NZ\_CP029873.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_212138 | NZ\_CP029919.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_212159 | NZ\_CP029870.1 | 1416 | S56 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_213147 | NZ\_CP029897.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_214135 | NZ\_CP029872.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_214162 | NZ\_CP029862.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_215174 | NZ\_CP029868.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_228140 | NZ\_CP029866.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_228157 | NZ\_CP029864.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_255118 | NZ\_CP029907.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_260153 | NZ\_CP029861.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_267164 | NZ\_CP029906.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_278127 | NZ\_CP029863.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_281186 | NZ\_CP029853.1 | 1416 | S56 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_285138 | NZ\_CP029858.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_286126 | NZ\_CP029856.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343077\_292148 | NZ\_CP029855.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343078\_201101 | NZ\_CP029852.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343078\_203125 | NZ\_CP029850.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343078\_211126 | NZ\_CP029848.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343078\_223175 | NZ\_CP029964.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343078\_228140 | NZ\_CP029962.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343078\_251131 | NZ\_CP029960.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343078\_256191 | NZ\_CP029959.1 | 1416 | S56 |
| *S. enterica* subsp. *enterica* ser. Typhi | 343078\_273110 | NZ\_CP029846.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 403Ty-sc-1979084 | NZ\_LT905062.1 | 26978 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 4316STDY6559669 | NZ\_LR590081.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 4316STDY6559672 | NZ\_LR590082.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | 4714STDY6831631 | NZ\_LT882486.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | CT18 | NC\_003198.1 | 1417 | S56 |
| *S. enterica* subsp. *enterica* ser. Typhi | Entei | NZ\_CP085808.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | ERL082356 | NZ\_LT905140.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | ISP2825 | NZ\_CP080960.1 | 7840 | S57 |
| *S. enterica* subsp. *enterica* ser. Typhi | lupe\_GEN0059-sc-1979081 | NZ\_LT905063.1 | 1416 | S55 |
| *S. enterica* subsp. *enterica* ser. Typhi | LXYSH | NZ\_CP030936.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | MDUST255 | NZ\_OU943337.1 | 7803 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | MDUST305 | NZ\_OU943336.1 | 7803 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | MDUST348 | NZ\_OU943338.1 | 7803 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | PM016/13 | NZ\_CP012091.1 | 7803 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | P-stx-12 | NC\_016832.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | R19.2839 | NZ\_CP046429.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | Suicune | NZ\_CP085807.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | Ty2 | NC\_004631.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | Ty21a | NC\_021176.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | Ty21a | NZ\_CP023975.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhi | WGS1146 | NZ\_CP040575.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 798 | NC\_017046.1 | Typhim1 | S93 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 14028 | NZ\_CP034479.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 22792 | NZ\_CP017621.1 | 52648 | S109 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 33676 | NZ\_CP012681.1 | 1369 | S80 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 81741 | NZ\_CP019442.1 | 1337 | S117 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 138736 | NZ\_CP007581.1 | 3484 | S20 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 10ST07093 | NZ\_CP029839.1 | 3484 | S68 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 14028S | NC\_016856.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 14028S substr. GXS254 | NZ\_CP043402.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 14028S substr. GXS259 | NZ\_CP043401.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 14028S substr. GXS275 | NZ\_CP043399.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 14028S substr. JY996 | NZ\_CP043400.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 2B\_cip | NZ\_CP074096.1 | 8434 | S102 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 5d8c9f00c6184d00f9da85a6:sample:O1960-05 | NZ\_LR861808.1 | 1341 | S71 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | 5d8c9f00c6184d00f9da85a6:sample:O1960-05 | NZ\_LR862421.1 | 1357 | S107 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | A\_cip | NZ\_CP074094.1 | 175288 | S102 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | AB42049 | NZ\_CP064919.1 | 64019 | S71 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | AR\_0031 | NZ\_CP026700.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | ATCC 13311 | NZ\_CP009102.1 | 3872 | S69 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | ATCC 14028 | NZ\_CP034230.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | ATCC 14028 | NZ\_CP043907.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | AUSMDU00004549 | NZ\_OU015323.1 | 1369 | S92 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | AUSMDU00007171 | NZ\_OU015342.1 | 1369 | S84 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | AUSMDU00008979 | NZ\_CP045952.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | AUSMDU00010529 | NZ\_CP045949.1 | 3484 | S68 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | AUSMDU00010530 | NZ\_CP045947.1 | 1369 | S84 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | AUSMDU00027944 | NZ\_OU015340.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | AUSMDU00027951 | NZ\_OU015328.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | B3589 | NZ\_CP034968.1 | 48078 | S115 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | BBS1358lrg | NZ\_CP061049.1 | 3484 | S119 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | BBS1358sml | NZ\_CP061050.1 | 3484 | S119 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | BBS1359 | NZ\_CP061047.1 | 3484 | S119 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | BBS1406 | NZ\_CP061045.1 | 3484 | S119 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | BBS1407 | NZ\_CP061044.1 | 3484 | S119 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | BKQZM9 | NZ\_CP060169.1 | 1335 | S97 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | BL10 | NZ\_CP024619.1 | 1378 | S81 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | Blastoise | NZ\_CP085819.1 | Typhim3 | S65 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | C\_cip | NZ\_CP074098.1 | 175289 | S104 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CDC 2009K-1640 | NZ\_CP014975.1 | 3484 | S116 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CDC 2009K-2059 | NZ\_CP014983.1 | 1369 | S86 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CDC 2010K-1587 | NZ\_CP014965.1 | 49190 | S75 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CDC 2011K-0870 | NZ\_CP007523.1 | 1344 | S106 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CDC 2011K-1702 | NZ\_CP014967.1 | 3484 | S116 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CDC H2662 | NZ\_CP014979.2 | 3484 | S20 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CFSAN001921 | NC\_021814.1 | 1369 | S75 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CFSAN008081 | NZ\_CP074663.1 | 3595 | S90 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CFSAN018746 | NZ\_CP028199.1 | 1355 | S102 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CFSAN067216 | NZ\_CP028318.1 | 3484 | S20 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CFSAN067217 | NZ\_CP028314.1 | 1369 | S100 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CVM 20762 | NZ\_CP051404.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CVM 24350 | NZ\_CP051386.1 | 143329 | S112 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CVM 24362 | NZ\_CP051380.1 | 3484 | S20 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CVM 28321-a | NZ\_CP053051.1 | 3484 | S20 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | CVM 28321-b | NZ\_CP051363.1 | 3484 | S20 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | D23580 | NC\_016854.1 | 1335 | S98 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | DA34821 | NZ\_CP029567.1 | 1369 | S92 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | DA34827 | NZ\_CP029593.1 | 3484 | S20 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | DA34833 | NZ\_CP029595.1 | 3484 | S20 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | DA34837 | NZ\_CP029568.1 | 1369 | S87 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | DT2 | NC\_022544.1 | 1346 | S63 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | ER3625 | NZ\_CP067091.1 | 93255 | S102 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | FDAARGOS\_312 | NZ\_CP022062.1 | 1369 | S72 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | FDAARGOS\_317 | NZ\_CP027410.1 | 3484 | S95 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | FDAARGOS\_320 | NZ\_CP027414.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | FDAARGOS\_321 | NZ\_CP022070.1 | 1367 | S70 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | FORC\_015 | NZ\_CP011365.1 | 3668 | S60 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | FORC\_020 | NZ\_CP012144.1 | 27113 | S61 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | FORC\_079 | NZ\_CP025736.1 | 1344 | S106 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | FORC098 | NZ\_CP030029.1 | 1323 | S121 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | FORC50 | NZ\_CP019383.1 | 1425 | S6 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | FORC58 | NZ\_CP020565.1 | 8332 | S120 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | FORC88 | NZ\_CP029029.1 | 3691 | S122 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | GSJ/2017-Sal-008 | NZ\_CP050130.1 | 1369 | S74 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | L-4126 | NZ\_AP023291.1 | 1369 | S92 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | LB5000 | NZ\_CP067397.1 | 93255 | S102 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | LT2 | NC\_003197.2 | 1355 | S102 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | LT2 | NZ\_CP060507.1 | 1355 | S102 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | LT7 | NZ\_CP064263.1 | 1355 | S103 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | NC983 | NZ\_CP015157.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | NCCP 16207 | NZ\_CP041976.1 | 3484 | S67 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | NCCP16345 | NZ\_CP068696.1 | 27950 | S85 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | NCTC 74 | NZ\_CP064709.1 | 3808 | S59 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | OLF\_FSR1\_WB\_Finch\_ST-13 | NZ\_CP051269.1 | 3826 | S114 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | OLF-FSR1\_WB\_Hawk\_ST-33 | NZ\_CP051267.1 | 3826 | S113 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | PIR00538 | NZ\_CP025555.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | PNCS014851 | NZ\_CP038847.1 | 32567 | S62 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | PNCS014862 | NZ\_CP039591.1 | 35380 | S20 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | PNCS014879 | NZ\_CP040321.1 | 3484 | S20 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | R17.1451 | NZ\_CP063294.1 | 1369 | S64 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | R18.1078 | NZ\_CP065567.1 | 1369 | S82 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | Raikou | NZ\_CP085809.1 | 1416 | S54 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | RM10961 | NZ\_CP013702.1 | 3826 | S113 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | RM13672 | NZ\_CP047323.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | RSE04 | NZ\_CP034719.1 | 101303 | S73 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | S.Tm LT2p22\_assembled | NZ\_LR881463.1 | 1355 | S102 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | S29 | NZ\_CP085699.1 | 1369 | S91 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | S304 | NZ\_CP061126.1 | 1369 | S74 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | S34 | NZ\_CP086118.1 | 1369 | S92 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | S438 | NZ\_CP061124.1 | 1369 | S89 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | S441 | NZ\_CP061122.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | S520 | NZ\_CP061119.1 | 1369 | S92 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | S585 | NZ\_CP061115.1 | 1369 | S74 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SAP17-7299 | NZ\_CP040566.1 | 3826 | S113 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SAP17-7399 | NZ\_CP040562.1 | 1344 | S111 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SAP17-7699 | NZ\_CP040564.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SAP17-8290 | NZ\_CP040568.1 | 3484 | S20 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SAP18-6199 | NZ\_CP040900.1 | 3484 | S110 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SARA13 | NZ\_CP017728.1 | 3484 | S88 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | sg\_wt7 | NZ\_CP036168.1 | 1380 | S94 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF10057 | NZ\_CP047550.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF10112 | NZ\_CP047555.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF10169 | NZ\_CP047548.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF10231 | NZ\_CP047553.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF10236 | NZ\_CP047546.1 | 1369 | S92 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF10250 | NZ\_CP047544.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF10330 | NZ\_CP047542.1 | 116312 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF10359 | NZ\_CP047540.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF10405 | NZ\_CP047537.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF10452 | NZ\_CP047535.1 | Typhim2 | S92 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF10484 | NZ\_CP047531.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF10640 | NZ\_CP047529.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF10648 | NZ\_CP047527.1 | 1369 | S74 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF11077 | NZ\_CP047525.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SJTUF11216 | NZ\_CP047522.1 | 1369 | S66 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SL1344 | NC\_016810.1 | 1367 | S101 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SL26 | NZ\_CP032490.1 | 1369 | S74 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SL7207 | NZ\_CP053865.1 | 1367 | S101 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SO\_8752\_Stm | NZ\_CP074092.1 | 1355 | S102 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SO2 | NZ\_CP014356.1 | 27674 | S96 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SO21 | NZ\_CP032494.1 | 1369 | S74 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SO3 | NZ\_CP014536.1 | 27674 | S97 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SO4698-09 | NZ\_LN999997.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | SS2017 | NZ\_CP053870.1 | 1367 | S101 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | ST101 | NZ\_CP050731.1 | 95315 | S76 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | ST106 | NZ\_CP050728.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | ST113 | NZ\_CP050726.1 | 42242 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | ST4/74 | NC\_016857.1 | 1367 | S101 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | ST45 | NZ\_CP050753.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | ST46 | NZ\_CP050750.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | ST90 | NZ\_CP050734.1 | 1353 | S105 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | ST931R | NZ\_CP016385.1 | 3484 | S78 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | STMU2UK | NZ\_LT855376.1 | 1335 | S99 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | TJWQ005 | NZ\_CP040458.1 | 1369 | S74 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | TW-Stm6 | NZ\_CP019649.1 | 1369 | S84 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | UK-1 | NC\_016863.1 | 3484 | S119 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | USDA-ARS-USMARC-1808 | NZ\_CP014969.1 | 3484 | S20 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | USDA-ARS-USMARC-1810 | NZ\_CP014982.2 | 3484 | S79 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | USDA-ARS-USMARC-1880 | NZ\_CP014981.1 | 1344 | S111 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | USDA-ARS-USMARC-1896 | NZ\_CP014977.1 | 1369 | S86 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | USDA-ARS-USMARC-1898 | NZ\_CP014971.2 | 1395 | S108 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | USDA-ARS-USMARC-1899 | NZ\_CP007235.2 | 3595 | S62 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | VNB151-sc-2315230 | NZ\_LT795114.1 | 1369 | S74 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | VNP20009 | NZ\_CP007804.1 | 1328 | S77 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | Wartortle | NZ\_CP085820.1 | 27950 | S65 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | WW012 | NZ\_CP022168.1 | 1369 | S83 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | YU07-18 | NZ\_CP035547.1 | 1369 | S118 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | YU15 | NZ\_CP014358.1 | 3484 | S20 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | YU39 | NZ\_CP011428.1 | 1369 | S74 |
| *S. enterica* subsp. *enterica* ser. Typhimurium | ZJUJY | NZ\_CP090304.1 | 1355 | S102 |