

Supplementary Table S1. Phenotypic characteristic of the *Aeromonas lusitana* Mexican strain (ESV-351) isolated from gills of rainbow trout obtained with conventional biochemical tests and with the MicroScan (W/A) identification system.

| | Biochemical results | | | Biochemical results | |
|------------------------|---------------------|----------------|------------------------------|---------------------|-----------|
| | Conventional | MicroScan | | Conventional | MicroScan |
| Test | | | Test | | |
| Motility | + | ND | <u>Acid from:</u> | | |
| Oxidase | + | ND | D-adonitol | ND | - |
| Catalase | + | ND | D-cellobiose | - | ND |
| ADH | + | - | D-mannitol | + | ND |
| LDC | + | - | D-sorbitol | - | - |
| ODC | - | - | Glucose | ND | + |
| Tryptophan deaminase | ND | - | Glycerol | + | ND |
| Indole | + | - ^a | L- Arabinose | - | ND |
| ONPG | + | - | L- Rhamnose | - | ND |
| Urea | - | - | D-lactose | - | ND |
| H ₂ S | - | - | D-mellobiose | ND | - |
| VP | - | - | <i>m</i> -Inositol | - | - |
| MR | + | ND | D-raffinose | ND | ND |
| Gelatin | + | ND | D-sacarose | + | ND |
| DNase | + | ND | Salicin | + | ND |
| Glucose (gas) | + | ND | Sucrose | - | - |
| Nitrate reduction | + | + | | | |
| β-Hemolysis | + | | <u>Hydrolysis of:</u> | | |
| | | | Aesculin | + | - |
| <u>Utilization of:</u> | | | SDS | - | ND |
| Citrate | + | - | Starch | + | ND |
| DL-Lactate | - | ND | | | |
| Malonate | ND | - | <u>Resistance to :</u> | | |
| Acetamide | ND | - | Chepalothin | ND | + |
| Tartrate | ND | - | Colistin | ND | - |
| | | | Kanamycin | ND | + |
| <u>Growth in:</u> | | | Nitrofurantoin | ND | - |
| 0% NaCl | + | ND | O /129 ^b (150 µg) | + | ND |
| 4.5% NaCl | + | ND | Penicillin | ND | + |
| 6% NaCl | - | ND | Tobramycin | ND | - |
| Cetridime | ND | - | | | |
| Growth at 42°C | - | ND | | | |

ADH: Arginine dihydrolase; LDC: Lysine decarboxylase; ODC: Ornithine decarboxylase; ONPG: *o*-nitrophenyl-β-D-galactopyranoside; VP: Voges-Proskauer; MR: Methyl Red. ^a Negative in two of three repetitions; ^b Vibriostatic agent (2,4-diamino-6,7diisopropylpteridine) (150 µg / disk); ND: Not Done.