Supplementary Material

# Supplementary Tables

**Supplementary Table 1.** Classification of mesophilic *Aeromonas* strains with polar flagella glycosylation islands.

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| **GROUP I** |
| **Subgroup** | **Specie** | **Strain** | **BioProject** |
| IA |  *A. allosaccharophila* | BVH88 | [PRJEB7045](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7045) |
| CCM4363 | [PRJNA345312](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA345312) |
| CECT 4199 | [PRJEB7019](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7019) |
| TTU2014-159ASC | [PRJNA296464](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA296464) |
| *A. cavernicola* | MDC2508 | [PRJNA417251](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA417251) |
|  *A. hydrophila* | 2JBN101 | [PRJNA320461](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA320461) |
| 4LNG101 | [PRJNA343741](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA343741) |
| AH-1 | [PRJNA323709](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA323709) |
| AH10 | [PRJNA278509](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA278509) |
| Ah DBHS101 | [PRJNA379721](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA379721) |
| AL09\_71 | [PRJNA227037](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA227037) |
| AL09-79 | [PRJNA302467](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA302467) |
| AL10-121 | [PRJNA302455](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA302455) |
| AL97-91 | [PRJNA321178](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA321178) |
| Arkansas 2010 | [PRJNA321184](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA321184) |
| BSK-10 | [PRJNA381330](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA381330) |
| D4 | [PRJNA308632](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA308632) |
| FDAARGOS\_78 | [PRJNA231221](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA231221) |
| GYK1 | [PRJNA323754](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA323754) |
| HZAUAH | [PRJNA356344](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA356344) |
| J-1 | [PRJNA227242](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA227242) |
| JBN2301 | [PRJNA302121](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA302121) |
| ML09\_119 | [PRJNA188141](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA188141) |
| ML09-121 | [PRJNA302468](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA302468) |
| ML09-122 | [PRJNA302469](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA302469) |
| MN98-04 | [PRJNA321182](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA321182) |
| NF1 | [PRJNA237913](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA237913) |
| NF2 | [PRJNA237917](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA237917) |
| NJ-35 | [PRJNA226230](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA226230) |
| pc104A | [PRJNA227038](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA227038) |
| RB-AH | [PRJNA253773](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA253773) |
| TN-97-08 | [PRJNA301651](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA301651) |
|  *Aeromonas sp.* | HMWF015 | [PRJNA420393](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA420393) |
| HMWF036 | [PRJNA420393](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA420393) |
| HMWF017  | [PRJNA420393](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA420393) |
|  *A. veronii* | E2102 | [PRJNA463043](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA463043) |
|  | MS-18-37 | [PRJNA504296](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA504296) |
|  | Z2-7 | [PRJNA408193](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA408193) |
|  | ZWY-AV1 | [PRJNA416949](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA416949) |
| IB |  *A. aquatica*  | AE235 | [PRJNA260478](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA260478) |
|  *A. caviae* | 8LM | [PRJNA277314](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA277314) |
| A23 | [PRJNA287226](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA287226) |
| BWH65 | [PRJNA271899](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA271899) |
| CECT838 | [PRJEB7024](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7024) |
| CHZ306 | [PRJNA338160](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA338160) |
| FDAARGOS\_75 | [PRJNA231221](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA231221) |
| HAMBI\_1972 | [PRJNA476209](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA476209) |
| NCTC12244 | [PRJEB6403](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB6403) |
| R25-6 | [PRJNA428427](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA428427) |
| YL12 | [PRJNA242225](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA242225) |
|  *A. encheleia* | CECT4342 | [PRJEB7027](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7027) |
| NCTC12917 | [PRJEB6403](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB6403) |
|  *A. eucrenophila*  | CECT4224 | [PRJEB7029](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7029) |
|  *A. hydrophila* | 4AK4 | [PRJNA210524](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA210524) |
| ZYAH72 | [PRJNA339368](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA339368) |
|  *A. lusitana* | MDC 2473  | [PRJNA417247](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA417247) |
|  *A. media* | Z1-6 | [PRJEB27351](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB27351) |
|  |  *A. molluscorum* | 848 | [PRJNA183610](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA183610) |
|  |  *A. rivipollensis* | KN-Mc-11N1  | [PRJNA438570](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA438570) |
|  |  *Aeromonas sp.* | 62-46 | [PRJNA279279](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA279279) |
|  | ASNIH1 | [PRJNA430813](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA430813) |
|  | ASNIH3 | [PRJNA430813](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA430813) |
|  |  *A. tecta*  | CECT 7082 | [PRJEB7042](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7042) |
| IC |  *A. bivalvium*  | CECT7113 | [PRJEB7023](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7023) |
| ZJ19-2 | [PRJNA408193](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA408193) |
| ZJ20-2 | [PRJNA408193](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA408193) |
|  *A. caviae* | Aer593  | [PRJNA506284](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA506284) |
| GEO\_47\_Up\_A | [PRJNA472583](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA472583) |
| GEO\_48\_Eff\_A | [PRJNA472583](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA472583) |
|  *A. jandaei* | Aer337 | [PRJNA506284](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA506284) |
|  *A. sobria* | CECT4245 | [PRJEB7040](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7040) |
|  *Aeromonas sp.* | ASNIH2 | [PRJNA430813](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA430813) |
|  *A. veronii* | 5.28.6 | [PRJNA396650](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA396650) |
| AVNIH2 | [PRJNA279618](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA279618) |
| ML09-123 | [PRJNA431414](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA431414) |
| NS | [PRJNA396650](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA396650) |
| PDB | [PRJNA396650](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA396650) |
| TH0426 | [PRJNA293940](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA293940) |
| VCK | [PRJNA396650](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA396650) |
|  *A. veronii* bv. sobria | LMG13067 | [PRJEB7051](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7051) |
| ID |  *A. jandaei* | Riv2 | [PRJNA237126](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA237126) |
|  *A. sobria* | 08005 | [PRJNA344548](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA344548) |
|  *Aeromonas sp.* | SCS5 | [PRJNA285016](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA285016) |
|  *A. veronii* | FC951 | [PRJNA428153](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA428153) |
| IE |  *A. caviae* | Ae398 | [PRJEA51677](https://www.ncbi.nlm.nih.gov/bioproject/PRJEA51677) |
| CECT4221 | [PRJEB7046](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7046) |
| GEO\_39\_Eff\_A | [PRJNA472583](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA472583) |
| ZJ66-1 | [PRJNA408193](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA408193) |
|  *A. veronii* | AER39 | [PRJNA71513](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA71513) |
| CB51 | [PRJNA319612](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA319612) |
| IF |  *A. caviae* | L12 | [PRJNA270276](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA270276) |
|  *A. veronii* bv. sobria | 312M | [PRJNA498295](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA498295) |
| IG | *A. caviae* | GEO\_23\_Down\_B | [PRJNA472583](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA472583) |
| *A. media* | ARB13  | [PRJNA260228](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA260228) |
| ARB20 | [PRJNA260227](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA260227) |
|  *A. rivuli* | DSM 22539 | [PRJEB7035](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7035) |
| **GROUP II** |
| **Subgroup** | **Specie** | **Strain** | **BioProject** |
| IIA | 1. *bestiarum*
 | GA97-22 | [PRJNA431444](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA431444) |
| 1. *caviae*
 | 429865 | [PRJNA292995](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA292995) |
| Aer268 | [PRJNA506284](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA506284) |
| FDAARGOS\_72  | [PRJNA231221](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA231221) |
| FDAARGOS\_76 | [PRJNA231221](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA231221) |
| GSH8M-1 | [PRJDB6962](https://www.ncbi.nlm.nih.gov/bioproject/PRJDB6962) |
| 1. *enteropelogenes*
 | 1999lcr | [PRJNA245216](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA245216) |
| Aer371 | [PRJNA506284](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA506284) |
| 1. *piscicola*
 | AH-3 | [PRJNA323710](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA323710) |
| LMG24783 | [PRJEB7033](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7033) |
|  *A. schubertii* | ATCC 43700 | [PRJNA304368](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA304368) |
| WL1483 | [PRJNA297116](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA297116) |
|  *Aeromonas sp.* | ASNIH7 | [PRJNA430813](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA430813) |
|  *A. veronii* | ARB3 | [PRJNA260226](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA260226) |
| Hm21 | [PRJNA205862](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA205862) |
| MS17-88 | [PRJNA492757](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA492757) |
| pamvotica | [PRJNA356925](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA356925) |
| TTU2014-108AME | [PRJNA296464](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA296464) |
| TTU2014-108ASC | [PRJNA296464](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA296464) |
| TTU2014-115AME | [PRJNA296464](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA296464) |
| TTU2014-115ASC | [PRJNA296464](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA296464) |
| TTU2014-125ASC | [PRJNA296464](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA296464) |
| TTU2014-130AME | [PRJNA296464](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA296464) |
| TTU2014-130ASC | [PRJNA296464](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA296464) |
| TTU2014-134ASC | [PRJNA296464](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA296464) |
| TTU2014-140ASC | [PRJNA296464](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA296464) |
| TTU2014-141AME | [PRJNA296464](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA296464) |
| TTU2014-141ASC | [PRJNA296464](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA296464) |
| TTU2014-142ASC | [PRJNA296464](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA296464) |
| TTU2014-143ASC | [PRJNA296464](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA296464) |
| XH.VA.1 | [PRJNA447880](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA447880) |
| XH.VA.2 | [PRJNA482711](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA482711) |
| IIB | 1. *bestiarum*
 | CECT4227 | [PRJEB7022](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7022) |
| 1. *caviae*
 | R25-2 | [PRJNA428427](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA428427) |
| T25-39 | [PRJNA428427](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA428427) |
| 1. *dhakensis*
 | 17FW001 | [PRJNA484846](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA484846) |
| 173 | [PRJNA183198](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA183198) |
| 277 | [PRJNA183202](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA183202) |
| AAK1 | [PRJDB70](https://www.ncbi.nlm.nih.gov/bioproject/PRJDB70) |
| AE-13 | [PRJNA504324](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA504324) |
| Aer283 | [PRJNA506284](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA506284) |
| CAIM1873 | [PRJNA422283](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA422283) |
| CECT7289 | [PRJEB7020](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7020) |
| CIP 107500  | [PRJEB7048](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7048) |
| Cr1 | [PRJNA281575](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA281575) |
| Cr2 | [PRJNA281576](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA281576) |
| F2S2-1 | [PRJNA312130](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA312130) |
| KN-Mc-6U21 | [PRJNA400818](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA400818) |
| KOR1 | [PRJNA294992](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA294992) |
| SSU | [PRJNA71509](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA71509) |
| 1. *enteropelogenes*
 | LK14 | [PRJNA277406](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA277406) |
| * *A. hydrophila*
 | 14 | [PRJNA183195](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA183195) |
| 116 | [PRJNA183196](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA183196) |
| 187 | [PRJNA183199](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA183199) |
| 226 | [PRJNA183200](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA183200) |
| 259 | [PRJNA183201](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA183201) |
| 48\_AHYD | [PRJNA267549](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA267549) |
| 50\_AHYD | [PRJNA267549](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA267549) |
| 52\_AHYD | [PRJNA267549](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA267549) |
| 53\_AHYD | [PRJNA267549](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA267549) |
| 56\_AHYD | [PRJNA267549](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA267549) |
| AD9 | [PRJNA236257](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA236257) |
| Ae34 | [PRJDB1739](https://www.ncbi.nlm.nih.gov/bioproject/PRJDB1739) |
| AHNIH1 | [PRJNA273636](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA273636) |
| AHNIH2 | [PRJNA430813](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA430813) |
| AL06-06 | [PRJNA270887](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA270887) |
| ATCC7966 | [PRJNA16697](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA16697) |
| L14f | [PRJNA270277](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA270277) |
| KN-Mc-1R2 | [PRJNA438415](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA438415) |
| M013 | [PRJNA264123](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA264123) |
| M023 | [PRJNA265923](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA265923) |
| M052 | [PRJNA326907](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA326907) |
| M053 | [PRJNA326908](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA326908) |
| M062 | [PRJNA265924](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA265924) |
| NCT8049 | [PRJEB6403](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB6403) |
| RU34A | [PRJEB18852](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB18852) |
| SNUFPC-A8  | [PRJNA175471](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA175471) |
| TPS-30 | [PRJNA381370](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA381370) |
| WCX23 | [PRJNA530076](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA530076) |
| YL17 | [PRJNA234473](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA234473) |
| ZYAH75 | [PRJNA339336](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA339336) |
| * *A. hydrophila subsp. ranae*
 | CIP107985 | [PRJEB7049](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7049) |
| 1. *jandaei*
 | IMETJ | [PRJNA432735](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA432735) |
| L14h | [PRJNA270278](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA270278) |
|  *Aeromonas sp.* | ASNIH4 | [PRJNA430813](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA430813) |
| CA23 | [PRJNA400916](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA400916) |
| RU34C | [PRJEB18864](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB18864) |
| RU39B | [PRJEB18855](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB18855) |
| YN13HZO-058 | [PRJNA354843](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA354843) |
|  *A. veronii* | 17ISAe | [PRJNA438884](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA438884) |
| A29 | [PRJNA329585](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA329585) |
| AMC34 | [PRJNA71515](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA71515) |
| CIP 107763 | [PRJEB7047](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7047) |
| CQ-AV1 | [PRJNA511801](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA511801) |  |
| RU31B | [PRJEB18858](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB18858) |
| X11 | [PRJNA419084](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA419084) |
| X12 | [PRJNA419086](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA419086) |
| ZJ12-3 | [PRJNA408193](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA408193) |
| **GROUP III** |
| **Subgroup** | **Specie** | **Strain** | **BioProject** |
| IIIA | *A. australiensis* | CECT8023 | [PRJEB7021](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7021) |
| 1. *caviae*
 | CH129 | [PRJNA339286](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA339286) |
| *Aeromonas sp.* | ASNIH5 | [PRJNA430813](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA430813) |
| *A. veronii* | CCM7244 | [PRJNA345309](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA345309) |
|  | 1. *caviae*
 | VBF856 | [PRJNA320016](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA320016) |
| IIIB | 1. *simiae*
 | CIP107798 | [PRJEB7039](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7039) |
| *A. veronii* | 126-14 | [PRJNA431081](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA431081) |
| AER397 | [PRJNA71517](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA71517) |
| AMC35 | [PRJNA71519](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA71519) |
| B565 | [PRJNA63671](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA63671) |
| CCM4359 | [PRJNA345311](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA345311) |
| CECT4257 | [PRJEB7044](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB7044) |
| IIIC | *A. hydrophila* | MX16A | [PRJNA353572](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA353572) |
| WCHAH045096 | [PRJNA41533](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA415336) |
| 1. *media*
 | S2\_003\_000\_R3\_19 | [PRJNA376580](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA376580) |
|  *Aeromonas sp.* | CU5 | [PRJNA400916](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA400916) |