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| **INFORMACIÓN GENERAL** |
| **Nombre del Microorganismo:** |   |
| **Código GIBI** |   |
| **Lugar de Colecta** | País |  | Departamento |  | Municipio |  |
| Coordenadas (decimales) | Latitud |  | Longitud |  |
| **Sustrato o huésped** |   |
| **Fecha de aislamiento** |   |
| **Nombre del colector** |   |
| **Nombre de quien lo aisló** |  |
| **Nombre de quien lo identificó** |  |
| **Nombre del depositante** |   |
| **Método de conservación** | Criopreservación |  | Aceite Mineral |  | Agua Destilada |  | PapelFiltro |  | Refrigeración |  | Otro |  |
| **Medio de cultivo para crecimiento** |   |
| **Temperaturas** ó**ptimas de crecimiento** |  |
| **Condiciones Regulatorias y de Seguridad** | BSL-1 |  | BSL-2 |  | BSL-3 |  |
| **Número de Permiso de Colecta** |  |
| **Autoridad Ambiental que Otorgó el Permiso** |  |
| **Titular Permiso de Colecta** |  |
| **Especificaciones de Contención** |  |
| **Especificaciones Consentimiento Informado** |  |
|
| **Categoría Taxonómica** | Dominio |  | Filo |  | Clase |  |
| Orden |  | Familia |  | Género |  |
| Especie |  | Cepa |  |

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| **CARACTERIZACIÓN MORFOLÓGICA** |
| **CARACTERÍSTICAS MACROSCÓPICAS** |
| **TAMAÑO** | Pequeñas |  | **HEMÓLISIS** | Alfa Hemólisis |  | **ELEVACIÓN** | Plana |  |
|  | Medianas |  |  | Beta Hemólisis |  |  | Convexa |  |
|  | Grandes |  |  | Gamma Hemólisis |  | **FORMA** | Circular |  |
| **SUPERFICIE** | Brillante |  | **TEXTURA** | Cremosas |  |  | Puntiforme |  |
|  | Mate |  |  | Secas |  |  | Ameboide |  |
|  | Traslúcidas |  |  | Mucoides |  |  | Rizoide |  |
|  | Transparentes |  |  | Pigmentadas |  |  | Fusiforme |  |
|  |  |  |  | Rizoidal |  |  | Filamentoso |  |
| **BORDES:** | Entero |  | Lobulado |  | Filamentoso |  | Crenado |  |
|  | Ondulado |  | Enrrollado |  |  |  |  |  |
| **REGISTRO FOTOGRÁFICO** | REVERSO | ANVERSO: |
| **CARACTERÍSTICAS MICROSCÓPICAS** |
| **FORMA** | Cocos |  | Cocobacilos |  | Bacilos |  | Espirilos |  |
| **ENDOSPORAS** | Subterminales |  | Terminales |  | Centrales |  |  |
| **GRAM** | Positivas |  | Negativas |  |  |
| **REGISTRO FOTOGRÁFICO** |  |
| **OTRAS OBSERVACIONES:** |
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| **CARACTERIZACIÓN BIOQUÍMICA**

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| **MÉTODO EMPLEADO: BATERÍA BIOQUÍMICA CONVENCIONAL** |
|  | **POS** | **NEG** | **+/-** |  | **POS** | **NEG** | **+/-** |  | **POS** | **NEG** | **+/-** |  | **POS** | **NEG** | **+/-** |
| GLU-F |  |  |  | FRU-F |  |  |  | NIT |  |  |  | OX |  |  |  |
| GLU-O |  |  |  | FRU-O |  |  |  | H2S |  |  |  | CIT |  |  |  |
| LAC-F |  |  |  | MAL-F |  |  |  | LDC |  |  |  | ODC |  |  |  |
| LAC-O |  |  |  | MAL-O |  |  |  | LDM |  |  |  | ADH |  |  |  |
| SAC-F |  |  |  | VP |  |  |  | URE |  |  |  | IND |  |  |  |
| SAC-O |  |  |  | RM |  |  |  | CAT |  |  |  | MOT |  |  |  |

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| **OTRAS OBSERVACIONES:** |
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**MÉTODO EMPLEADO: API** |
|  | **POS** | **NEG** | **+/-** |  | **POS** | **NEG** | **+/-** |  | **POS** | **NEG** | **+/-** |  | **POS** | **NEG** | **+/-** |
| ONPG |  |  |  | GLU |  |  |  | TRP |  |  |  | IND |  |  |  |
| ADH |  |  |  | MAN |  |  |  | ESC |  |  |  | SAL |  |  |  |
| LDC |  |  |  | INO |  |  |  | PNPG |  |  |  | GLY |  |  |  |
| ODC |  |  |  | SOR |  |  |  | MNE |  |  |  | MLZ |  |  |  |
| CIT |  |  |  | SHA |  |  |  | NAG |  |  |  | RAF |  |  |  |
| H2S |  |  |  | SAC |  |  |  | GNT |  |  |  | TRE |  |  |  |
| URE |  |  |  | MEL |  |  |  | ADI |  |  |  | RHA |  |  |  |
| TDA |  |  |  | AMY |  |  |  | CAP |  |  |  | FRU |  |  |  |
| IN |  |  |  | ARA |  |  |  | MLT |  |  |  | NIT |  |  |  |
| VP |  |  |  | OX |  |  |  | PAC |  |  |  | XLT |  |  |  |
| GEL |  |  |  | NO3 |  |  |  | XIL |  |  |  | MAL |  |  |  |
| LAC |  |  |  | αGAL |  |  |  | INU |  |  |  | HIP |  |  |  |
| PAL |  |  |  | βGUR |  |  |  | AMD |  |  |  | PYRA |  |  |  |
| MDG |  |  |  | LAP |  |  |  | GLYG |  |  |  | SOR |  |  |  |
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| **OTRAS OBSERVACIONES:** |
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**MÉTODO EMPLEADO: EQUIPO VITEK 2 COMPAQ** |
|  | **POS** | **NEG** | **+/-** |  | **POS** | **NEG** | **+/-** |  | **POS** | **NEG** | **+/-** |  | **POS** | **NEG** | **+/-** |
| LysA |  |  |  | NAGA1 |  |  |  | LATa |  |  |  | dGALa |  |  |  |
| TyrA |  |  |  | XLTa |  |  |  | NAGa |  |  |  | GGT |  |  |  |
| dGLUa |  |  |  | dTREa |  |  |  | ARG |  |  |  | dMLZa |  |  |  |
| dRAFa |  |  |  | dXYLa |  |  |  | AMYa |  |  |  | URE |  |  |  |
| IRHa |  |  |  | 2KGa |  |  |  | dCELa |  |  |  | dGATa |  |  |  |
| dTURa |  |  |  | LeuA |  |  |  | dMELa |  |  |  | CITa |  |  |  |
| IGLTa |  |  |  | ARBa |  |  |  | SACa |  |  |  | GLYLa |  |  |  |
| IPROa |  |  |  | MAdGa |  |  |  | IARAa |  |  |  | GENa |  |  |  |
| IMLTa |  |  |  | dMNEa |  |  |  | ACEa |  |  |  | dMALa |  |  |  |
| BNAG |  |  |  | dSORa |  |  |  | dGNTa |  |  |  | ISBEa |  |  |  |
| LACa |  |  |  | NO3 |  |  |  | ERYa |  |  |  | AGLU |  |  |  |
| ESC |  |  |  | GRTsa |  |  |  |  |  |  |  |  |  |  |  |
| **OTRAS OBSERVACIONES:** |
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| **CARACTERIZACIÓN MOLECULAR** |
| **PRIMER O GEN** | **PCR** | **DESCRIPCIÓN HIT** | **LONGITUD** | **% COBERTURA** | **% IDENTIDAD** | **VALOR-E** |
| **LSU** |   |   |   |   |   |   |
| **SSU** |   |   |   |   |   |   |
| **RpoB** |   |   |   |   |   |   |
| **GYRA** |   |   |   |   |   |   |
| **Hsp60** |   |   |   |   |   |   |
|  |  |  |   |   |  |  |  |  |
| **SECUENCIACIÓN** | **NOMBRE ARCHIVOS RESULTADOS** |
| **WGS** |  |  |
| **MLST** |   |  |
| **Exome** |   |  |
| **Chipseq** |   |  |
| **RNAseq** |   |  |
| **Otros** |   |  |

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| **TRAZABILIDAD**  |
| **Número de Pases** | 1 |  | 2 |  | 3 |  | 4 |  | 5 |  |
| **Fecha de pase** | DD | MM | AA | DD | MM | AA | DD | MM | AA | DD | MM | AA | DD | MM | AA |
| **Número de Lote** | 1 | 2 | 3 | 4 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Descarte** | SI |  | NO |  | FECHADD/MM/AA | SI |  | NO |  | FECHADD/MM/AA | SI |  | NO |  | FECHADD/MM/AA | SI |  | NO |  | FECHADD/MM/AA | SI |  | NO |  | FECHADD/MM/AA |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Observaciones**

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Firma Curador: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fecha: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Elaboró** | **Revisó** | **Aprobó** | **Fecha de vigencia:** |
| Dirección de Instituto de Investigación en Microbiología y Biotecnología AgroindustrialCoordinador de la Colección | Dirección de Aseguramiento de la CalidadDecana de la Facultad de Ciencias de la Salud | Consejo de Rectoría | Agosto 2022 |

**CONTROL DE CAMBIOS**

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| **FECHA** | **VERSIÓN** | **ÍTEM** | **MODIFICACIÓN** |
| Agosto de 2022 | 1 | Todo el documento | Creación del documento |