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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**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **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 |  |  |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| |  | | --- | | **OTRAS OBSERVACIONES:** | |  |   **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 |  | |  | |  | |
| |  | | --- | | **OTRAS OBSERVACIONES:** | |  |   **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:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **CARACTERIZACIÓN MOLECULAR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **PRIMER O GEN** | | | | **PCR** | | | | | **DESCRIPCIÓN HIT** | | | | | | | | | | | | | **LONGITUD** | | | | **% COBERTURA** | | | **% IDENTIDAD** | | **VALOR-E** | | | |
| **LSU** | | | |  | | | | |  | | | | | | | | | | | | |  | | | |  | | |  | |  | | | |
| **SSU** | | | |  | | | | |  | | | | | | | | | | | | |  | | | |  | | |  | |  | | | |
| **RpoB** | | | |  | | | | |  | | | | | | | | | | | | |  | | | |  | | |  | |  | | | |
| **GYRA** | | | |  | | | | |  | | | | | | | | | | | | |  | | | |  | | |  | |  | | | |
| **Hsp60** | | | |  | | | | |  | | | | | | | | | | | | |  | | | |  | | |  | |  | | | |
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| **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 | | |  | | | FECHA  DD/MM/AA | | | | | | SI | | |  | | NO | | |  | | | FECHA  DD/MM/AA | | | | | | SI | | |  | | NO | | |  | | | FECHA  DD/MM/AA | | | | | | | | SI | | |  | | | | NO | | | | |  | | | | FECHA  DD/MM/AA | | | | | | | SI | | | |  | | | NO | | | | |  | | | | FECHA  DD/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 Agroindustrial  Coordinador de la Colección | Dirección de Aseguramiento de la Calidad  Decana de la Facultad de Ciencias de la Salud | Consejo de Rectoría | Agosto 2022 |

**CONTROL DE CAMBIOS**

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