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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 | |  | Papel filtro | | |  | | Refrigeración | |  | | | Otro |  |
| **Medio de cultivo para Crecimiento** |  | | | | | | | | | | | | | | | | | | | | | | | |
| **Temperaturas Óptimas 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** | | | | | | | | | | | | | | | | | | | | |
| **TEXTURA** | Aterciopelada | | |  | **ELEVACIÓN** | | Plana | | |  | | | **BORDES** | | Liso | | |  | | |
|  | Algodonoso | | |  |  | | Elevada | | |  | | |  | | Regular | | |  | | |
|  | Cremosa | | |  |  | | Convexa | | |  | | |  | | Irregular | | |  | | |
|  | Pulverulenta | | |  |  | | Umbonada | | |  | | | **SUPERFICIE** | | Lisa | | |  | | |
|  | Vellosa | | |  | **FORMA** | | Circular | | |  | | |  | | Plegada | | |  | | |
|  | Granular | | |  |  | | Irregular | | |  | | |  | | Sectorizada | | |  | | |
|  | Mucosa | | |  |  | | Filamentosa | | |  | | |  | | Cerebrifor. | | |  | | |
| **COLOR** |  | | |  |  | | Rizoidal | | |  | | |  | | Surc. Radia. | | |  | | |
| **REGISTRO FOTOGRÁFICO** | Reverso | | | | | | | | | Anverso | | | | | | | | | | |
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| **CARACTERÍSTICAS MICROSCÓPICAS** | | | | | | | | | | | | | | | | | | | | |
| **TALO VEGETATIVO:** | Hifa | | |  | | | | | | Levadura | | |  | | | | | | | |
| **CLASE DE HIFAS:** | Cenocíticas | | |  | Cuerposnodulares | |  | | | Raquetas | | |  | | Zarcillos: | | |  | | |
|  | Septadas | | |  | Candelabrofávico | | : | | | Rizoides | | |  | | Espirales | | |  | | |
| **CLASE DE MICELIO:** | Micelio Aéreo | | |  | Micelio Vegetativo | |  | | | **PIGMENTO** | | | Micelio Halino | |  | | Micelio Dematiaceos: | | |  |
| **REPRODUCCIÓN** | | | | | | | | | | | | | | | | | | | | |
| **ASEXUAL** |  | | Estructura | | Artroespora | |  | Talosporas | | |  | | Conidios | | Macroconid. | | |  | | |
|  |  | | |  | Blastoconidios. | |  | Clamidiosporas | | |  | |  | | Microconid | | |  | | |
|  |  | | |  | Esporangiosp. | |  |  | | |  | |  | |  | | |  | | |
| **SEXUAL** |  | | Esporas | | Zigosporas | |  | Ascosporas | | |  | | Basidiósporas | |  | | Bacidiosporas | | |  |
| **REGISTRO FOTOGRÁFICO** |  | | | | | | | | | | | | | | | | | | | |
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| **OTRAS OBSERVACIONES:** | | | | | | | | | | | | | | | | | | | | |
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**CARACTERIZACIÓN BIOQUÍMICA**

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| **MÉTODO EMPLEADO: SYSTEM YEASTS PLUS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | **POS** | | **NEG** | | **+/-** | |  | | **POS** | | **NEG** | | **+/-** | |  | | **POS** | | **NEG** | | **+/-** | |  | | **POS** | **NEG** | **+/-** |
| GLU |  | |  | |  | | CEL | |  | |  | |  | | CHR | |  | |  | |  | | CLO | |  |  |  |
| MAL |  | |  | |  | | INO | |  | |  | |  | | NY | |  | |  | |  | | MIC | |  |  |  |
| SAC |  | |  | |  | | XYL | |  | |  | |  | | AMB | |  | |  | |  | | ITR | |  |  |  |
| LAC |  | |  | |  | | RAF | |  | |  | |  | | FCY | |  | |  | |  | | VOR | |  |  |  |
| GAL |  | |  | |  | | TRE | |  | |  | |  | | ECN | |  | |  | |  | | FLU | |  |  |  |
| MEL |  | |  | |  | | DUL | |  | |  | |  | | KCA | |  | |  | |  | | GROWTH | |  |  |  |
| **OTRAS OBSERVACIONES:** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **MÉTODO EMPLEADO: EQUIPO VITEK 2 YST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | **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** |
| ITS |  |  |  |  |  |  |
| LSU |  |  |  |  |  |  |
| SSU |  |  |  |  |  |  |
| BTUB |  |  |  |  |  |  |
| 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 | | | | | | | |
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**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**

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