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| Escudo UCM | **FORMATO HONGOS CMUCM** | | | | | | | | | | | | | | | | | | | Código | | | | | INV - F - 81 | |
| Versión | | | | | 1 | |
| Página | | | | | 1 de 5 | |
|  |  | |  |  | | |  | | | | |  | | | |  | | | |  | | | | |  | |
| **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 paraCrecimiento** | |  | | | | | | | | | | | | | | | | | | | | | | | | |
| **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** | |  | | | | | | | | | | | | | | | | | | | | | | | | |
| **EspecificacionesConsentimiento 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 | | |  | | |
|  | Pulvurulenta | | |  |  | | Umbonada | | |  | | | **SUPERFICIE** | | Lisa | | |  | | |
|  | Vellosa | | |  | **FORMA** | | Circular | | |  | | |  | | Plegada | | |  | | |
|  | Granular | | |  |  | | Irregular | | |  | | |  | | Sectorizada | | |  | | |
|  | Mucosa | | |  |  | | Filamentosa | | |  | | |  | | Cerebrifor. | | |  | | |
| **COLOR** |  | | |  |  | | Rizoidal | | |  | | |  | | Surc. Radia. | | |  | | |
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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 | | |  | | Basidiosporas | |  | | Bacidiosporas | | |  |
|  | |  | |  | |  | | |  | | |  | |  | |  | | |  | |
| **OTRAS OBSERVACIONES:** | | | | | | | | | | | | | | | | | | | | |
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| **CARACTERIZACIÓN BIOQUIMICA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **METODO 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 | |  | |  | |  | |  | |  | |  | |  |
| **METODO 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 | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  |  |

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| **CARACTERIZACIÓN MOLECULAR** | | | | | | | | | | | |
| **PRIMER O GEN** | **PCR** | | **DESCRIPCIÓN HIT** | | | | **LONGITUD** | **% COBERTURA** | **% IDENTIDAD** | **VALOR-E** | |
| ITS |  | |  | | | |  |  |  |  | |
| LSU |  | |  | | | |  |  |  |  | |
| SSU |  | |  | | | |  |  |  |  | |
| BTUB |  | |  | | | |  |  |  |  | |
| 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 | | |  | | | 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 | 25 de Enero del 2019 |

CONTROL DE CAMBIOS

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| ITEM | MODIFICACIÓN |
|  |  |