

Supplementary table 3. TRESPERg genotypes of *A. fumigatus* azole resistant from different locations in Spain from 2012 to 2023.

Strain	Genotype	Cyp51A mutation	Year of isolation	Geographical origin
CM10027	t11m1.1c12e07	TR34L98H	2020	Spain, Barcelona
CM10052	t04Am1.2c08Ae07	TR34L98H	2020	Spain, Barcelona
CM10079	t02Am1.1c09e05	TR34L98H	2020	Spain, Madrid
CM10227	t11m1.2c04e07	TR34L98H	2021	Spain, Barcelona
CM10228	t04Bm1.2c20e06	TR34L98H	2021	Spain, Barcelona
CM10238	t02Am1.1c09e05	TR34L98H	2021	Spain, Madrid
CM10311	t01m1.1c20e07	TR34L98H	2021	Spain, País Vasco
CM10332	t02Am1.1c09e22	TR34L98H	2021	Spain, Madrid
CM10420	t04Bm1.2c08Ae06	TR34L98H	2021	Spain, Barcelona
CM10526	t02Am1.1c08Ae05	TR34L98H	2021	Spain, Andalucía
CM10588	t04Bm1.2c20e07	TR34L98H	2022	Spain, Barcelona
CM10590	t04Bm1.2c08Ae06	TR34L98H	2022	Spain, Barcelona
CM10790	t11m1.1c09e05	TR34L98H	2022	Spain, Madrid
CM10886	t11m1.1c09e05	TR34L98H	2022	Spain, Madrid
CM10925	t11m1.1c12e13	TR34L98H	2022	Spain, Barcelona
CM11015	t01m1.1c20e07	TR34L98H	2022	Spain, Barcelona
CM11028	t01m1.1c09e05	TR34L98H	2022	Spain, Sevilla
CM11100	t04Bm1.1c12e15	TR34L98H	2023	Spain, Barcelona
CM11101	t04Bm1.2c20e07	TR34L98H	2023	Spain, Barcelona
CM11118	t04Am1.2c09e13	TR34L98H	2023	Spain, Barcelona
CM11126	t11m1.1c12e07	TR34L98H	2023	Spain, Barcelona
CM11127	t04Bm1.1c12e15	TR34L98H	2023	Spain, Barcelona
CM11130	t04Bm1.2c20e07	TR34L98H	2023	Spain, Barcelona
CM11131	t01m1.1c20e07	TR34L98H	2023	Spain, Barcelona
CM11165	t01m1.1c20e07	TR34L98H	2023	Spain, Barcelona
CM11167	t02Am1.1c20e07	TR34L98H	2023	Spain, Barcelona
CM11182	t01m1.1c20e07	TR34L98H	2023	Spain, Barcelona
CM11183	t01m1.1c20e07	TR34L98H	2023	Spain, Barcelona
CM7582	t02Am1.1c09e16	TR34L98H	2014	Spain, Barcelona
CM7609	t02Am1.4c09e16	TR34L98H	2014	Spain, Valladolid
CM8535	t02Am1.1c09e05	TR34L98H	2016	Spain
CM8714	t02Am1.1c09e16	TR34L98H	2016	Spain, Madrid
CM8I90	t04Bm1.2c08Ae13	TR34L98H	2016	Spain
CM9339	t02Am1.1c09e05	TR34L98H	2018	Spain, Madrid
CM9364	t01m1.1c08Ae07	TR34L98H	2018	Spain, Madrid
CM9399	t02Am1.1c09e05	TR34L98H	2018	Spain, Madrid
CM9554	t02Am1.1c09e05	TR34L98H	2019	Spain, Sevilla
CM9670	t01m1.1c20e07	TR34L98H	2019	Spain, Madrid
CM9701	t28m2.4c04e11	TR34L98H	2019	Spain, Ciudad Real
CM9886	t01m1.1c12e07	TR34L98H	2020	Spain, País Vasco
CM9971	t04Bm1.2c08Ae07	TR34L98H	2020	Spain, Madrid
H2482	t11m1.1c08Ae07	TR34L98H	2022	Spain, Asturias

H2285	t10m1.1c07e05	TR34L98H	2022	Spain, Asturias
H2489	t11m1.1c12e07	TR34L98H	2022	Spain, asturias
H2495	t04Bm1.1c18e15	TR34L98H	2022	Spain, asturias
H2417	t02Am1.1c08Ae11	TR34L98H	2022	Spain, Asturias
H2504	t09m1.1c09e13	TR34L98H	2022	Spain, Asturias
H2528	t04Am1.2c08Ae06	TR34L98H	2022	Spain, Asturias
TP1003	t10m1.1c08Ae05	TR34L98H	2019	Spain, Asturias
TP1005	t02Am1.1c09e16	TR34L98H	2019	Spain, Asturias
TP14988	t04Am1.1c08Be07	TR34L98H	2010	Spain, Madrid
TP367	t02Am1.1c09e11	TR34L98H	2012	Spain, Madrid
TP369	t02Am1.1c09e05	TR34L98H	2013	Spain, Madrid
TP391	t02Am1.1c09e05	TR34L98H	2012	Spain, Madrid
TP436	t02Am1.1c09e05	TR34L98H	2013	Spain, Madrid
TP494(t02)	t02Am1.1c09e05	TR34L98H	2013	Spain, Madrid
TP579	t02Am1.1c09e11	TR34L98H	2013	Spain, Madrid
H-100	t04Bm1.2c20e07	TR34L98H	2019	Hospital Environment
H-208	t02m1.1c09e11	TR34L98H	2021	The patient strain