

Supplementary Table S2. Publications and citations associated with the GenBank accession numbers used in this study.

Accession number	Species	Country	Publications/Citations (Year)
PX695467.1	<i>H. marginatum</i>	Iran	Motevasseli <i>et al.</i> (2026)
PX695466.1	<i>H. marginatum</i>	Iran	Motevasseli <i>et al.</i> (2026)
MH411142.1	<i>H. marginatum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP219876.1	<i>H. marginatum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP219874.1	<i>H. marginatum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP219863.1	<i>H. marginatum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP189361.1	<i>H. marginatum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
MG557555.1	<i>H. marginatum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP100418.1	<i>H. marginatum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP208951.1	<i>H. asiaticum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
PQ838316.1	<i>H. asiaticum</i>	Iran	Direct Submission
KP219864.1	<i>H. asiaticum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP219869.1	<i>H. asiaticum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP219871.1	<i>H. asiaticum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KR075985.1	<i>H. asiaticum</i>	Iran	Hosseini-Chegeni <i>et al.</i> 2018
KP219866.1	<i>H. asiaticum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP219860.1	<i>H. asiaticum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP231210.1	<i>H. rufipes</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP219868.1	<i>H. rufipes</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP219873.1	<i>H. rufipes</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KX911989.1	<i>H. excavatum</i>	Iran	Noor <i>et al.</i> (2024)
KP219861.1	<i>H. excavatum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP219870.1	<i>H. dromedarii</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP219875.1	<i>H. detritum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP241853.1	<i>H. schulzei</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP202935.1	<i>H. aegyptium</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
MH411145.1	<i>H. anatolicum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
MH411144.1	<i>H. anatolicum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
MH411143.1	<i>H. anatolicum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP219872.1	<i>H. anatolicum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP219867.1	<i>H. anatolicum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP219865.1	<i>H. anatolicum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
KP219862.1	<i>H. anatolicum</i>	Iran	Hosseini-Chegeni <i>et al.</i> (2019)
MG551987.1	<i>H. anatolicum</i>	Iraq	Al-Fatlawi <i>et al.</i> (2018)
MG551988.1	<i>H. anatolicum</i>	Iraq	Al-Fatlawi <i>et al.</i> (2018)
KU130579.1	<i>H. anatolicum</i>	Iraq	Sands <i>et al.</i> (2016)
MN460355.1	<i>H. anatolicum</i>	Iraq	Direct Submission
MN460350.1	<i>H. anatolicum</i>	Iraq	Direct Submission
MN460349.1	<i>H. anatolicum</i>	Iraq	Direct Submission
MN460346.1	<i>H. anatolicum</i>	Iraq	Direct Submission
MN460345.1	<i>H. anatolicum</i>	Iraq	Direct Submission
MN460344.1	<i>H. anatolicum</i>	Iraq	Direct Submission
KM235704.1	<i>H. anatolicum</i>	Iraq	Khan <i>et al.</i> (2025)
KM235703.1	<i>H. anatolicum</i>	Iraq	Direct Submission
KM235700.1	<i>H. anatolicum</i>	Iraq	Khan <i>et al.</i> (2025)
KM235699.1	<i>H. anatolicum</i>	Iraq	Khan <i>et al.</i> (2025)
KM235698.1	<i>H. anatolicum</i>	Iraq	Khan <i>et al.</i> (2025)
MZ367563.1	<i>H. anatolicum</i>	Iraq	Direct Submission
MZ367559.1	<i>H. anatolicum</i>	Iraq	Direct Submission
MZ411461.1	<i>H. anatolicum</i>	Iraq	Direct Submission

Supplementary Table S2. Continued.

Accession number	Species	Country	Publications/Citations (Year)
MZ411455.1	<i>H. anatolicum</i>	Iraq	Direct Submission
MZ411454.1	<i>H. anatolicum</i>	Iraq	Direct Submission
PP857590.1	<i>H. anatolicum</i>	Iraq	Shather <i>et al.</i> (2026)
PP857588.1	<i>H. anatolicum</i>	Iraq	Direct Submission
MH511173.1	<i>H. anatolicum</i>	Iraq	Direct Submission
MT800311.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
MK462202.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
MK462201.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
MK462200.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
MK462199.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
MK462198.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
MK462197.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
MK462196.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
MK462195.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
ON482184.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
ON482183.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
ON528934.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
OQ860706.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
OQ380654.1	<i>H. anatolicum</i>	Pakistan	Hussain <i>et al.</i> (2024b)
OQ380653.1	<i>H. anatolicum</i>	Pakistan	Hussain <i>et al.</i> (2024b)
OQ380652.1	<i>H. anatolicum</i>	Pakistan	Hussain <i>et al.</i> (2024b)
OQ380651.1	<i>H. anatolicum</i>	Pakistan	Hussain <i>et al.</i> (2024b)
OQ380650.1	<i>H. anatolicum</i>	Pakistan	Hussain <i>et al.</i> (2024b)
OQ380649.1	<i>H. anatolicum</i>	Pakistan	Hussain <i>et al.</i> (2024b)
OR061130.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
OR077935.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
OR077934.1	<i>H. anatolicum</i>	Pakistan	Noor <i>et al.</i> (2024)
PP716458.1	<i>H. anatolicum</i>	Pakistan	Khan <i>et al.</i> (2025)
PV262393.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
PV452859.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
PV687630.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
PV687629.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
PV687628.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
PV687627.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
PV687626.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
PV687625.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
PV687624.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
PV687623.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
PV687622.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
PV687621.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
PV687620.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
PX245780.1	<i>H. anatolicum</i>	Pakistan	Direct Submission
MT876644.1	<i>H. anatolicum</i>	Pakistan	Adegoke <i>et al.</i> (2020)
MT230046.1	<i>H. anatolicum</i>	Türkiye	Zheng <i>et al.</i> (2024)
MT230045.1	<i>H. anatolicum</i>	Türkiye	Sultankulova <i>et al.</i> (2025)
MT230044.1	<i>H. anatolicum</i>	Türkiye	Direct Submission
MT230043.1	<i>H. anatolicum</i>	Türkiye	Direct Submission

Direct Submission, indicates that the sequence was submitted directly to GenBank without an associated publication. Publications / Citations (Year) lists the publication in which the accession was reported and/or subsequent publications that cited or used the accession; the publication year is given in parentheses.