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Isolation, characterization and diversity of fungal endophytes from *Albizia lebbbeck* (L.) Benth

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SUPPLEMENTARY MATERIAL

Table Legends

Table S1 Fungal isolates from plant collected from different location and their taxonomic designation

Table S2 Occurrence of endophytic fungi in *Albizia lebbbeck* (L.) Benth. (Leaves and stem) from different regions of J&K

Table S1 Fungal isolates from plant collected from different location and their taxonomic designation

Sample Code	Plant tissue	Locations	Media	Taxonomic Designation	Accession number	Similarity	No of basepairs	MRCJ Code
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<i>ALE-1</i>	Stem	Jammu (J&K) 32.7286 °N, 74.8471 ° E	PDA	<i>Colletotrichum gloeosporioides</i>	MF380857	99%	545	626
<i>ALE-2</i>	Stem	Jammu (J&K) 32.7286 °N, 74.8471 ° E	PDA	<i>Fusarium solani</i>	MF380807	99%	554	627
<i>ALE-3</i>	Stem	Jammu (J&K) 32.7286 °N, 74.8471 ° E	YMA	<i>Diaporthe sackstonii</i>	MF380733	99%	546	707
<i>ALE-4</i>	Stem	Jammu (J&K) 32.7286 °N, 74.8471 ° E	WA	<i>Chaetomium sp.</i>	MF380734	98%	560	596
<i>ALE-5</i>	Stem	Jammu (J&K) 32.7286 °N, 74.8471 ° E	YMA	<i>Rosellinia sanctae- cruciana</i>	KY006116	95%	574	173
<i>ALE-6</i>	Stem	Jammu (J&K) 32.7286 °N, 74.8471 ° E	PDA	<i>Diaporthe sackstonii</i>	MF380777	99%	549	708
<i>ALE-7</i>	Stem	Reasi (J&K)33.0804° N, 74.8365° E	YMA	<i>Colletotrichum gloeosporioides</i>	MF380865	99%	548	174/709
<i>ALE-8</i>	Stem	Reasi (J&K)33.0804° N, 74.8365° E	PDA	<i>Nectria Pseudotrachia</i>	MF380697	99%	538	876
<i>ALE-9</i>	Leaf	Reasi (J&K)33.0804° N, 74.8365° E	PDA	<i>Colletotrichum gloeosporioides</i>	MF380828	100%	540	175/864
<i>ALE-10</i>	Stem	Reasi (J&K)33.0804° N, 74.8365° E	PDA	<i>Phomopsis sp.</i>	MF380806	99%	538	176/247 /877
<i>ALE-11</i>	Leaf	Reasi (J&K)33.0804° N, 74.8365° E	YMA	<i>Curvularia aeria</i>	MF380836	99%	536	248
<i>ALE-12</i>	Stem	Reasi (J&K)33.0804° N, 74.8365° E	YMA	<i>Alternaria alternata</i>	MF380849	100%	536	249
<i>ALE-13</i>	Leaf	Reasi (J&K)33.0804° N, 74.8365° E	WA	<i>Diaporthe sp.</i>	MF380769	96%	513	423
<i>ALE-14</i>	Leaf	Reasi (J&K)33.0804° N, 74.8365° E	WA	<i>Hamigera insecticola</i>	MF380820	99%	561	424
<i>ALE-15</i>	Leaf	Reasi (J&K)33.0804° N, 74.8365° E	WA	<i>Purpureocilliu m lilacinum</i>	MF380780	97%	576	250

ALE-16	Stem	Reasi (J&K)33.0804° N, 74.8365° E	YMA	<i>Alternaria alternata</i>	MF380728	99%	535	251
ALE-17	Stem	Reasi (J&K)33.0804° N, 74.8365° E	YMA	<i>Alternaria alternata</i>	MF380819	100%	536	252
ALE-18	Leaf	Reasi (J&K)33.0804° N, 74.8365° E	YMA	<i>Nigrospora sp.</i>	MF380801	100%	513	253
ALE-19	Leaf	Reasi (J&K)33.0804° N, 74.8365° E	PDA	<i>Acremonium alternatum</i>	MF380851	99%	536	254
ALE-20	Stem	Reasi (J&K)33.0804° N, 74.8365° E	PDA	<i>Alternaria alternata</i>	MF380709	100%	533	391
ALE-21	Stem	Domana (J&K) 32.7899 °N, 74.7823 ° E	WA	<i>Phomopsis sp.</i>	MF380856	99%	533	255
ALE-22	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Alternaria alternata</i>	MF380767	100%	536	256
ALE-23	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	WA	<i>Colletotrichum gloeosporioides</i>	MF380740	100%	541	257
ALE-24	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Colletotrichum gloeosporioides</i>	MF380804	100%	525	258
ALE-25	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	YMA	<i>Phomopsis azadirachtae</i>	MF380874	99%	545	259
ALE-26	Stem	Domana (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Nectria pseudotrachia</i>	MF380688	99%	546	260
ALE-27	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Colletotrichum siamense</i>	MF380674	100%	549	261
ALE-28	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Colletotrichum gloeosporioides</i>	MF380862	92%	556	262
ALE-29	Stem	Domana (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Phomopsis azadirachtae</i>	MF380840	99%	544	263

ALE-30	Leaf	Jammu (J&K) 32.7899 °N, 74.7823 ° E	YMA	<i>Aspergillus terreus</i>	MF380791	100%	584	264
ALE-31	Stem	Jammu (J&K) 32.7899 °N, 74.7823 ° E	YMA	<i>Colletotrichum gloeosporioides</i>	MF380694	99%	549	265
ALE-32	Leaf	Jammu (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Daldinia eschsoltzii</i>	MF380764	100%	536	266
ALE-33	Stem	Jammu (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Phomopsis azadirachtae</i>	MF380843	99%	564	267
ALE-34	Leaf	Jammu (J&K) 32.7899 °N, 74.7823 ° E	WA	<i>Colletotrichum gloeosporioides</i>	MF380725	93%	508	425
ALE-35	Stem	Mishriwala (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Phomopsis azadirachtae</i>	MF380750	99%	543	268
ALE-36	Stem	Mishriwala (J&K) 32.7441 °N, 74.8047 ° E	YMA	<i>Alternaria porri</i>	MF380753	99%	536	396
ALE-37	Leaf	Mishriwala (J&K) 32.7441 °N, 74.8047 ° E	YMA	<i>Colletotrichum siamense</i>	MF380869	100%	538	397
ALE-38	Stem	Mishriwala (J&K) 32.7441 °N, 74.8047 ° E	PDA	<i>Trichoderma longibrachiatu m</i>	MF380673	100%	602	398
ALE-39	Leaf	Kathua (J&K) 32.3863 °N, 75.5173 ° E	PDA	<i>Nigrospora sphaerica</i>	MF380772	100%	541	614
ALE-40	Leaf	Chatha (J&K) 32.6838 °N, 74.8244 ° E	PDA	<i>Alternaria alternata</i>	MF380739	100%	533	399
ALE-41	Stem	Chatha (J&K) 32.6838 °N, 74.8244 ° E	YMA	<i>Alternaria arborescens</i>	MF380763	100%	541	628
ALE-42	Leaf	Domana (J&K) 32.7899 °N, 74.7823	PDA	<i>Preussia sp.</i>	MF380830	100%	505	863

		° E						
ALE-43	Stem	Domana (J&K) 32.7899 °N, 74.7823 ° E	WA	<i>Fusarium equiseti</i>	MF380683	99%	519	710
ALE-44	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	WA	<i>Alternaria tenuissima</i>	MF380719	100%	529	615
ALE-45	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	YMA	<i>Alternaria tenuissima</i>	MF380692	99%	538	847
ALE-46	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Glomerella cingulata</i>	MF380700	100%	539	597
ALE-47	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Alternaria tenuissima</i>	MF380685	99%	537	856
ALE-48	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Fusarium equiseti</i>	MF380815	98%	564	587
ALE-49	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	WA	<i>Phoma sp.</i>	MF380738	99%	528	402
ALE-50	Stem	Domana (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Phoma sp.</i>	MF380712	99%	526	598
ALE-51	Stem	Mishriwala (J&K) 32.7441 °N, 74.8047 ° E	PDA	<i>Fusarium equiseti</i>	MF380838	99%	517	629
ALE-52	Stem	Mishriwala (J&K) 32.7441 °N, 74.8047 ° E	WA	<i>Fusarium solani</i>	MF380696	99%	542	630
ALE-53	Stem	Mishriwala (J&K) 32.7441 °N, 74.8047 ° E	WA	<i>Alternaria brassicae</i>	MF380676	100%	534	599
ALE-54	Stem	Mishriwala (J&K) 32.7441 °N, 74.8047 ° E	PDA	<i>Fusarium equiseti</i>	MF380853	99%	528	631

ALE-55	Stem	Mishriwala (J&K) 32.7441 °N, 74.8047 ° E	PDA	<i>Colletotrichum gloeosporioides</i>	MF380723	99%	548	711
ALE-56	Leaf	Mishriwala (J&K) 32.7441 °N, 74.8047 ° E	PDA	<i>Phoma sp.</i>	MF380816	99%	517	712
ALE-57	Stem	Mishriwala (J&K) 32.7441 °N, 74.8047 ° E	WA	<i>Peyronellaea glomerata</i>	MF380775	99%	526	713
ALE-58	Leaf	Chatha (J&K) 32.6838 °N, 74.8244 ° E	YMA	<i>Nigrospora oryzae</i>	MF380743	100%	535	714
ALE-59	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	PDA	<i>Nigrospora sphaerica</i>	MF380817	99%	536	715
ALE-60	Stem	Chatha (J&K) 32.6838 °N, 74.8244 ° E	WA	<i>Curvularia australiensis</i>	MF380799	99%	547	430
ALE-61	Leaf	Kathua (J&K) 32.3863 °N, 75.5173 ° E	PDA	<i>Alternaria tenuissima</i>	MF380833	100	536	865
ALE-62	Leaf	Kathua (J&K) 32.3863 °N, 75.5173 ° E	PDA	<i>Alternaria alstroemeriae</i>	MF380679	99%	537	851
ALE-63	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	YMA	<i>Nigrospora oryzae</i>	MF380714	100%	519	600
ALE-64	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	PDA	<i>Nigrospora oryzae</i>	MF380756	94%	533	403
ALE-65	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	YMA	<i>Nigrospora sp.</i>	MF380747	92%	512	404
ALE-66	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	YMA	<i>Nigrospora sphaerica</i>	MF380701	100%	530	405/616
ALE-67	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425	PDA	<i>Colletotrichum siamense</i>	MF380702	100%	537	601

		° E						
ALE-68	Stem	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	PDA	<i>Epicoccum sorghinum</i>	MF380876	100%	502	
ALE-69	Stem	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	PDA	<i>Colletotrichum gloeosporioides</i>	MF380795	100%	537	602
ALE-70	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	PDA	<i>Alternaria alternata</i>	MF380774	99%	543	617
ALE-71	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	YMA	<i>Alternaria arborescens</i>	MF380693	100%	546	716
ALE-72	Stem	Domana (J&K) 32.7899 °N, 74.7823 ° E	YMA	<i>Epicoccum sorghinum</i>	MF380746	100%	510	603
ALE-73	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	WA	<i>Alternaria alternata</i>	MF380704	99%	547	406
ALE-74	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Paraphoma chrysanthemico la</i>	MF380710	99%	533	407
ALE-75	Leaf	Chatha (J&K) 32.6838 °N, 74.8244 ° E	WA	<i>Saccharicola bicolor</i>	KY828152	97%	517	408
ALE-76	Stem	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	WA	<i>Nigrospora oryzae</i>	MF380731	97%	541	431
ALE-77	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	PDA	<i>Bipolaris sorokiniana</i>	MF380850	99%	560	409
ALE-78	Stem	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	YMA	<i>Nigrospora oryzae</i>	MF380797	100%	501	410
ALE-79	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	PDA	<i>Eutypella scoparia</i>	MF380755	95%	600	625

ALE-80	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	YMA	<i>Alternaria brassicae</i>	MF380687	99%	537	411
ALE-81	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	WA	<i>Chaetomium luteum</i>	MF380790	98%	563	850
ALE-82	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	YMA	<i>Cladosporium oxysporum</i>	MF380779	99%	536	849
ALE-83	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	YMA	<i>Curvularia verruculosa</i>	MF380842	99%	543	604
ALE-84	Stem	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	PDA	<i>Epicoccum sorghinum</i>	MF380844	99%	505	878
ALE-85	Leaf	Jammu (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Aspergillus pseudoglancus</i>	MF380824	99%	534	412
ALE-87	Leaf	Jammu (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Colletotrichum gigasporum</i>	MF380872	91%	507	588
ALE-88	Stem	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	YMA	<i>Phomopsis azadirachtae</i>	MF380736	99%	561	605
ALE-89	Stem	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	YMA	<i>Cochliobolus verruculosa</i>	MF380854	99%	551	589
ALE-90	Leaf	Talab-tillo bohri (J&K) 32.7701 °N, 74.88125 ° E	WA	<i>Colletotrichum gigasporum</i>	MF380695	100%	521	879
ALE-91	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	WA	<i>Alternaria burnsii</i>	MF380789	99%	548	590
ALE-92	Leaf	Mishriwala (J&K) 32.7899 °N, 74.7823 ° E	WA	<i>Colletotrichum gloeosporioides</i>	MF380855	99%	542	848
ALE-93	Stem	Udhampur (J&K) 32.9160° N, 75.1416°	YMA	<i>Nigrospora sp.</i>	MF380782	99%	521	852

		E						
<i>ALE-94</i>	Leaf	Chatha(J&K) 32.6838 °N, 74.8244 ° E	PDA	<i>Hansfordia sinuosae</i>	MF380809	100%	540	880
<i>ALE-95</i>	Leaf	Talab-tillo bohri (J&K) 32.7701 °N, 74.88125 ° E	PDA	<i>Alternaria burnsii</i>	MF380758	99%	552	591
<i>ALE-96</i>	Stem	Talab-tillo bohri (J&K) 32.7701 °N, 74.88125 ° E	PDA	<i>Colletotrichum gloeosporioides</i>	MF380823	99%	541	853
<i>ALE-97</i>	Stem	Talab-tillo bohri (J&K) 32.7701 °N, 74.88125 ° E	PDA	<i>Alternaria tenuissima</i>	MF380861	100%	537	854
<i>ALE-98</i>	Leaf	Talab-tillo bohri (J&K) 32.7701 °N, 74.88125 ° E	YMA	<i>Diportha vaccinii</i>	MF380717	100%	549	855
<i>ALE-99</i>	Leaf	Talab-tillo bohri (J&K) 32.7701 °N, 74.88125 ° E	WA	<i>Nigrospora sphaerica</i>	MF380852	99%	530	592
<i>ALE-100</i>	Leaf	Talab-tillo bohri (J&K) 32.7701 °N, 74.88125 ° E	PDA	<i>Diportha melonis</i>	MF380722	99%	543	593
<i>ALE-101</i>	Stem	Talab-tillo bohri (J&K) 32.7701 °N, 74.88125 ° E	YMA	<i>Phomopsis sp.</i>	MF380792	99%	541	859
<i>ALE-102</i>	Stem	Mishriwala (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Phomopsis azadirachtae</i>	MF380699	98%	549	413
<i>ALE-103</i>	Stem	Mishriwala (J&K) 32.7899 °N, 74.7823 ° E	WA	<i>Diportha sp.</i>	MF380671	99%	532	414
<i>ALE-104</i>	Stem	Mishriwala (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Peyronellaea glomerata</i>	MF380800	98%	523	618
<i>ALE-105</i>	Stem	Mishriwala (J&K) 32.7899 °N, 74.7823 ° E	PDA	<i>Nigrospora oryzae</i>	MF380826	99%	546	594

<i>ALE-106</i>	Stem	Kathua (J&K) 32.3863 °N, 75.5173 ° E	YMA	<i>Curvularia specifera</i>	MF380721	100%	535	606
<i>ALE-107</i>	Stem	Kathua (J&K) 32.3863 °N, 75.5173 ° E	WA	<i>Phoma sp.</i>	MF380784	99%	530	717
<i>ALE-108</i>	Stem	Kathua (J&K) 32.3863 °N, 75.5173 ° E	WA	<i>Lasiodiplodia theobromae</i>	MF380735	99%	528	718
<i>ALE-109</i>	Leaf	Kathua (J&K) 32.3863 °N, 75.5173 ° E	WA	<i>Glomerella septospora</i>	MF380716	99%	537	632
<i>ALE-110</i>	Leaf	Kathua (J&K) 32.3863 °N, 75.5173 ° E	PDA	<i>Phoma sp.</i>	MF380698	99%	517	595
<i>ALE-111</i>	Stem	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	PDA	<i>Curvularia lunata</i>	MF380705	99%	551	415
<i>ALE-112</i>	Stem	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	YMA	<i>Curvularia lunata</i>	MF380690	100%	563	416
<i>ALE-113</i>	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	YMA	<i>Phoma sp.</i>	MF380808	98%	528	417
<i>ALE-114</i>	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	PDA	<i>Phoma sp.</i>	MF380707	99%	518	418
<i>ALE-115</i>	Leaf	Akhnoor (J&K) 32.8995 °N, 74.7425 ° E	WA	<i>Alternaria alternata</i>	MF380866	99%	560	419
<i>ALE-116</i>	Leaf	Kathua (J&K) 32.3863 °N, 75.5173 ° E	YMA	<i>Phomopsis azadirachtae</i>	MF380751	99%	567	420
<i>ALE-117</i>	Leaf	Kathua (J&K) 32.3863 °N, 75.5173 ° E	YMA	<i>Colletotrichum gloeosporioies</i>	MF380783	97%	553	421
<i>ALE-119</i>	Stem	Udhampur (J&K) 32.9160° N, 75.1416°	WA	<i>Thielavia subthermophila</i>	MF380829	99%	558	422

		E						
<i>ALE-121</i>	Leaf	Domana (J&K) 32.7899 °N, 74.7823 ° E	YMA	<i>Aspergillus eurotium</i>	MF380814	99%	531	392
<i>ALE-122</i>	Stem	Talab-tillo bohri (J&K) 32.7701 °N, 74.88125 ° E	YMA	<i>Phoma sp.</i>	MF380794	99%	524	619
<i>ALE-123</i>	Stem	Talab-tillo bohri (J&K) 32.7701 °N, 74.88125 ° E	PDA	<i>Curvularia verruculosa</i>	MF380834	99%	548	719
<i>ALE-124</i>	Stem	Talab-tillo bohri (J&K) 32.7701 °N, 74.88125 ° E	YMA	<i>Curvularia spicifera</i>	MF380835	99%	535	857
<i>ALE-125</i>	Stem	Samba (J&K)32.5530° N, 75.1108° E	WA	<i>Curvularia verruculosa</i>	MF380672	99%	545	720
<i>ALE-126</i>	Stem	Samba (J&K)32.5530° N, 75.1108° E	PDA	<i>Curvularia lunata</i>	MF380802	99%	572	721
<i>ALE-127</i>	Leaf	Samba (J&K)32.5530° N, 75.1108° E	WA	<i>Colletotrichum gloeosporioies</i>	MF380675	99%	542	633
<i>ALE-128</i>	Stem	Samba (J&K)32.5530° N, 75.1108° E	WA	<i>Fusarium solani</i>	MF380839	99%	553	634
<i>ALE-129</i>	Stem	Samba (J&K)32.5530° N, 75.1108° E	WA	<i>Trichoderma longibrachiatu m</i>	MF380680	99%	602	432
<i>ALE-130</i>	Leaf	Kathua (J&K) 32.3863 °N, 75.5173 ° E	WA	<i>Colletotrichum gloeosporioies</i>	MF380873	99%	542	635
<i>ALE-131</i>	Stem	Domana (J&K) 32.7899 °N, 74.7823 ° E	WA	<i>Colletotrichum gloeosporioies</i>	MF380864	99%	560	722
<i>ALE-132</i>	Stem	Kathua (J&K) 32.3863 °N, 75.5173 ° E	YMA	<i>Phoma proteae</i>	MF380765	99%	514	636

<i>ALE-133</i>	Leaf	Katra (J&K) 32.9915° N, 74.9318° E	PDA	<i>Nigrospora oryzae</i>	MF380737	99%	521	637/881
<i>ALE-134</i>	Leaf	Katra (J&K) 32.9915° N, 74.9318° E	PDA	<i>Nigrospora oryzae</i>	MF380770	99%	522	638/723
<i>ALE-135</i>	Stem	Samba (J&K)32.5530° N, 75.1108° E	YMA	<i>Fusarium equisiti</i>	MF380681	99%	530	394/724
<i>ALE-136</i>	Leaf	Samba (J&K)32.5530° N, 75.1108° E	YMA	<i>Nigrospora oryzae</i>	MF380822	99%	549	
<i>ALE-138</i>	Leaf	Samba (J&K)32.5530° N, 75.1108° E	PDA	<i>Phomopsis phyllanthicola</i>	MF380677	99%	543	846
<i>ALE-139</i>	Leaf	Samba (J&K)32.5530° N, 75.1108° E	WA	<i>Colletotrichum gloeosporioies</i>	MF380759	99%	543	725
<i>ALE-140</i>	Stem	Samba (J&K)32.5530° N, 75.1108° E	WA	<i>Fusarium solani</i>	MF380846	100%	533	882
<i>ALE-141</i>	Stem	Samba (J&K)32.5530° N, 75.1108° E	WA	<i>Fusarium solani</i>	MF380729	100%	541	726
<i>ALE-142</i>	Stem	Samba (J&K)32.5530° N, 75.1108° E	WA	<i>Fusarium solani</i>	MF380832	100%	545	727
<i>ALE-143</i>	Leaf	Samba (J&K)32.5530° N, 75.1108° E	WA	<i>Lasiodiplodia theobromae</i>	MF380863	93%	550	607
<i>ALE-144</i>	Stem	Samba (J&K)32.5530° N, 75.1108° E	YMA	<i>Fusarium solani</i>	MF380711	100%	535	608
<i>ALE-145</i>	Leaf	Samba (J&K)32.5530° N, 75.1108° E	YMA	<i>Cladosporium cladosporioides</i>	MF380868	100%	528	609
<i>ALE-146</i>	Leaf	Samba (J&K)32.5530° N,	YMA	<i>Daldinia erchsoltzii</i>	MF380724	99%	549	728

		75.1108° E						
<i>ALE-147</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Colleotrichum incarnatum</i>	MF380745	97%	532	883
<i>ALE-148</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Cladosporium cladosporioides</i>	MF380742	99%	555	610
<i>ALE-149</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	PDA	<i>Nigrospora sphaerica</i>	MF380860	100%	519	611
<i>ALE-150</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Colletotrichum sp.</i>	MF380703	99%	530	729
<i>ALE-151</i>	Stem	Katra (J&K) 32.9915° N, 74.9318° E	YMA	<i>Phomopsis phyllanthicola</i>	MF380732	98%	561	620
<i>ALE-152</i>	Stem	Katra (J&K) 32.9915° N, 74.9318° E	WA	<i>Fusarium interitium</i>	MF380827	99%	538	395
<i>ALE-153</i>	Stem	Katra (J&K) 32.9915° N, 74.9318° E	YMA	<i>Diporthe vaccinii</i>	MF380877	98%	563	621
<i>ALE-154</i>	Stem	Katra (J&K) 32.9915° N, 74.9318° E	YMA	<i>Curvularia lunata</i>	MF380689	99%	563	401
<i>ALE-155</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Curvularia verruculosa</i>	MF380778	99%	551	730
<i>ALE-156</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Colletotrichum crassipes</i>	MF380813	99%	512	731
<i>ALE-157</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Colletotrichum gloeosporioies</i>	MF380748	98%	545	732
<i>ALE-158</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Colletotrichum sp.</i>	MF380744	99%	542	733

<i>ALE-159</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	PDA	<i>Colletotrichum cliviae</i>	MF380708	99%	542	428
<i>ALE-160</i>	Stem	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Fusicoccum sp.</i>	MF380812	94%	571	734
<i>ALE-161</i>	Stem	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Nigrospora sp.</i>	MF380811	99%	523	426
<i>ALE-162</i>	Stem	Palanwala (J&K)32.8410° N, 74.4628° E	WA	<i>Nigrospora sphaerica</i>	MF380773	99%	542	735
<i>ALE-163</i>	Stem	Katra (J&K) 32.9915° N, 74.9318° E	WA	<i>Peyromellaea glomerata</i>	MF380858	99%	508	861
<i>ALE-164</i>	Stem	Palanwala (J&K)32.8410° N, 74.4628° E	WA	<i>Colletotrichum gloeosporioies</i>	MF380796	99%	536	400
<i>ALE-165</i>	Stem	Palanwala (J&K)32.8410° N, 74.4628° E	WA	<i>Fusarium lateritium</i>	MF380768	99%	525	736
<i>ALE-166</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	WA	<i>Fusarium equiseti</i>	MF380762	99%	513	737
<i>ALE-167</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	WA	<i>Ampelomyces sp.</i>	MF380771	100%	503	738
<i>ALE-168</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	WA	<i>Pestalotiopsis mangiferae</i>	MF380878	99%	520	622
<i>ALE-169</i>	Leaf	Udhampur (J&K) 32.9160° N, 75.1416° E	PDA	<i>Curvularia verruculosa</i>	MF380821	99%	553	393
<i>ALE-170</i>	Stem	Udhampur (J&K) 32.9160° N, 75.1416° E	PDA	<i>Cochliobolus lunatus</i>	MF380805	99%	541	739
<i>ALE-171</i>	Stem	Udhampur (J&K) 32.9160° N, 75.1416°	PDA	<i>Epicoccum nigrum</i>	MF380871	100%	511	427

		E						
<i>ALE-172</i>	Leaf	Kathua (J&K) 32.3863 °N, 75.5173 ° E	WA	<i>Nigrospora sphaerica</i>	MF380713	99%	521	639
<i>ALE-173</i>	Leaf	Kathua (J&K) 32.3863 °N, 75.5173 ° E	PDA	<i>Curvularia verruculosa</i>	MF380757	99%	547	740
<i>ALE-174</i>	Stem	Kathua (J&K) 32.3863 °N, 75.5173 ° E	PDA	<i>Alternaria sp.</i>	MF380847	99%	541	623
<i>ALE-175</i>	Leaf	Kathua (J&K) 32.3863 °N, 75.5173 ° E	YMA	<i>Nigrospora oryzae</i>	MF380720	99%	518	741
<i>ALE-176</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Alternaria tenuissima</i>	MF380831	99%	536	860
<i>ALE-177</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Chaetomium globosum</i>	MF380875	99%	541	742
<i>ALE-178</i>	Stem	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Pestalotiopsis sp.</i>	MF380787	99%	536	433
<i>ALE-179</i>	Leaf	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Colleotrichum siamense</i>	MF380781	98%	534	884
<i>ALE-180</i>	Stem	Palanwala (J&K)32.8410° N, 74.4628° E	PDA	<i>Chaetomium globosum</i>	MF380718	98%	561	885
<i>ALE-181</i>	Stem	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Fusarium lateritium</i>	MF380682	99%	523	743
<i>ALE-182</i>	Stem	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Phoma multirostrata</i>	MF380686	99%	509	744
<i>ALE-183</i>	Stem	Palanwala (J&K)32.8410° N, 74.4628° E	YMA	<i>Lasiodiplodia theobromae</i>	MF380870	99%	532	893

<i>ALE-185</i>	Stem	Kathua (J&K) 32.3863 °N, 75.5173 ° E	PDA	<i>Setosphaeria rostrata</i>	MF380845	99%	569	745
<i>ALE-186</i>	Stem	Kathua (J&K) 32.3863 °N, 75.5173 ° E	PDA	<i>Chaetomium ramosissimum</i>	MF380678	99%	539	862
<i>ALE-188</i>	Leaf	Katra (J&K) 32.9915° N, 74.9318° E	PDA	<i>Nigrospora sp.</i>	MF380841	97%	552	429
<i>ALE-189</i>	Leaf	Katra (J&K) 32.9915° N, 74.9318° E	PDA	<i>Fusarium lateritium</i>	MF380706	99%	527	746
<i>ALE-190</i>	Leaf	Katra (J&K) 32.9915° N, 74.9318° E	PDA	<i>Nigrospora oryzae</i>	MF380752	100%	520	747
<i>ALE-191</i>	Leaf	Katra (J&K) 32.9915° N, 74.9318° E	PDA	<i>Diaporthe phaseolorum</i>	MF380760	100%	537	748
<i>ALE-192</i>	Leaf	Katra (J&K) 32.9915° N, 74.9318° E	WA	<i>Alternaria tennisima</i>	MF380749	100%	537	640
<i>ALE-193</i>	Leaf	Katra (J&K) 32.9915° N, 74.9318° E	WA	<i>Alternaria sp.</i>	MF380859	99%	537	749
<i>ALE-194</i>	Leaf	Katra (J&K) 32.9915° N, 74.9318° E	PDA	<i>Alternaria tennisima</i>	MF380741	100%	533	641/886
<i>ALE-195</i>	Stem	Katra (J&K) 32.9915° N, 74.9318° E	PDA	<i>Lasiodiplodia theobromae</i>	MF380803	97%	557	892
<i>ALE-196</i>	Stem	Katra (J&K) 32.9915° N, 74.9318° E	PDA	<i>Phomopsis longicolla</i>	MF380785	99%	554	613
<i>ALE-197</i>	Stem	Katra (J&K) 32.9915° N, 74.9318° E	PDA	<i>Chaetomium globosum</i>	MF380726	100%	542	750
<i>ALE-198</i>	Stem	Katra (J&K) 32.9915° N, 74.9318°	PDA	<i>Nigrospora oryzae</i>	MF380786	100%	521	840

		E						
<i>ALE-199</i>	Stem	Katra (J&K) 32.9915° N, 74.9318° E	PDA	<i>Colletotrichum gloeosporioides</i>	MF380788	99%	539	841
<i>ALE-200</i>	Stem	Katra (J&K) 32.9915° N, 74.9318° E	PDA	<i>Nigrospora oryzae</i>	MF380776	99%	515	842
<i>ALE-201</i>	Stem	Katra (J&K) 32.9915° N, 74.9318° E	PDA	<i>Fusarium equiseti</i>	MF380715	99%	554	843
<i>ALE-202</i>	Leaf	Udhampur (J&K) 32.9160° N, 75.1416° E	WA	<i>Alternaria sp.</i>	MF380837	99%	519	642
<i>ALE-203</i>	Stem	Udhampur (J&K) 32.9160° N, 75.1416° E	PDA	<i>Fusarium equiseti</i>	MF380754	99%	519	624
<i>ALE-204</i>	Stem	Udhampur (J&K) 32.9160° N, 75.1416° E	PDA	<i>Fusarium verticillioides</i>	MF380798	99%	514	844
<i>ALE-205</i>	Stem	Udhampur (J&K) 32.9160° N, 75.1416° E	PDA	<i>Curvularia lunata</i>	MF380684	99%	534	858
<i>ALE-206</i>	Stem	Udhampur (J&K) 32.9160° N, 75.1416° E	PDA	<i>Cercospora musigena</i>	MF380730	99%	504	845
<i>ALE-207</i>	Stem	Chatha (J&K) 32.6838 °N, 74.8244 ° E	PDA	<i>Lenzites warnieri</i>	MF380818	99%	614	
<i>ALE-209</i>	Leaf	Chatha (J&K) 32.6838 °N, 74.8244 ° E	PDA	<i>Hypoxylon anthochroum</i>	MF380761	99%	528	894
<i>ALE-210</i>	Leaf	Chatha (J&K) 32.6838 °N, 74.8244 ° E	PDA	<i>Xylaria psidii</i>	MF380727	99%	568	895
<i>ALE-211</i>	Leaf	Chatha (J&K) 32.6838 °N, 74.8244 ° E	PDA	<i>Aspergillus amstelodami</i>	MF380867	100%	515	887

<i>ALE-212</i>	Leaf	Chatha (J&K) 32.6838 °N, 74.8244 ° E	PDA	<i>Colleotrichum gloeosporiodes</i>	MF380691	99%	538	888
<i>ALE-213</i>	Leaf	Chatha (J&K) 32.6838 °N, 74.8244 ° E	PDA	<i>Hamigera insecticola</i>	MF380810	96%	562	889
<i>ALE-214</i>	Leaf	Chatha (J&K) 32.6838 °N, 74.8244 ° E	PDA	<i>Daldinia eschscholzii</i>	MF380766	99%	555	174
<i>ALE-215</i>	Leaf	Chatha (J&K) 32.6838 °N, 74.8244 ° E	PDA	<i>Alternaria alternata</i>	MF380793	100%	533	890
<i>ALE-216</i>	Leaf	Chatha (J&K) 32.6838 °N, 74.8244 ° E	PDA	<i>Cladosporium cucumerinum</i>	MF380825	99%	519	891
<i>ALE-217</i>	Leaf	Chatha (J&K) 32.6838 °N, 74.8244 ° E	PDA	<i>Penicillium chrysogenum</i>	MF380848	99%	564	176

Table S2 Occurrence of endophytic fungi in *Albizia lebbek* (L.) Benth. (Leaves and stem) from different regions of J&K

	Jammu		Talabtillo (Bohri)		Domana		Mishriwala		Akhnoor		Palanwala		Chatha		Sambala		Kathua		Katra		Udhampur		Reasi		No. of endophytes	Colonization frequency	Frequency of dominant endophytes
	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S			
<i>Acremonium alternatum</i>																								1	1	0.2	0.48
<i>Alternaria sp.</i>																	1	1			1				3	0.6	1.43
<i>Alternaria alstroemeriae</i>																	1								1	0.2	0.48
<i>Alternaria alternata</i>					2				2				2											4	10	2	4.76
<i>Alternaria arborescens</i>									1					1											2	0.4	0.95
<i>Alternaria brassicae</i>								1	1																2	0.4	0.95
<i>Alternaria burnsii</i>			1							1															2	0.4	0.95
<i>Alternaria porri</i>								1																	1	0.2	0.48
<i>Alternaria tenuissima</i>				1	3						1						1		2						8	1.6	3.81
<i>Ampelomyces sp.</i>											1														1	0.2	0.48
<i>Aspergillus amstelodami</i>													1												1	0.2	0.48
<i>Aspergillus eurotium</i>					1																				1	0.2	0.48
<i>Aspergillus pseudoglancus</i>	1																								1	0.2	0.48
<i>Aspergillus terreus</i>	1																								1	0.2	0.48
<i>Bipolaris sorokiniana</i>									1																1	0.2	0.48

