

Figure S1

Table S1. Geographical gaps identified in *P. glaucum* subsp*. monodii* germplasm

conserved at ICRISAT genebank, Patancheru, India

| Country | Province | District |
| --- | --- | --- |
| Burkina Faso | Bam | Bourzanga, Rollo, Tikare |
|  | Gnagna | Bogande, Koalla, Liptougou, Liptougou, Manni, Thion |
|  | Gourma | Gayeri |
|  | Kossi | Barani, Djibasso, Kombori, Madouba |
|  | Namentenga | Bouroum, Tougouri |
|  | Oudalan | Deou, Markoye, Yalgo |
|  | Passore | Gomponsom, Kirsi, La-Todin, Samba, Yako |
|  | Sanguie | Didyr, Godyr |
|  | Sanmatenga | Barsalogho, Dablo, Pensa |
|  | Seno | Bani, Dori, Gorgadji, Sampelga, Sebba, Seytenga |
|  | Soum | Aribinda, Baraboule, Diguel, Djibo, Falagountou, Koutougou, Nassamfou, Pobe-Mengao, Tongomayel |
|  | Sourou | Gomboro, Kiembara, Lankoue, Toeni |
|  | Tapoa | Botou, Kantchari |
|  | Yatenga | Banh, Bassi, Boussou, Kain, Kalsaka, Koumbri, Namissiguima, Ouahigouya, Ouindigui, Oula, Seguenega, Solle, Tangaye, Thiou, Titao, Tougo, Zogore |
| Chad | Borkou-Ennedi-Tibesti | Tibesti |
|  | Kanem | Nokou |
|  | Lake | Bol |
|  | Guera | Mangalme |
|  | Salamat | Abou Deia |
| Mali | Ansongo | Ansongo-Central, Ouatagouna, Talataye, Tessit |
|  | Bafoulabe | Diakon, Oussoubidiagna |
|  | Banamba | Boron, Sebete, Toukouroba |
|  | Bandiagara | Bandiagara-Central, Dourou, Goundaka, Kani-Gogouna, Kendie, Ningari, Ouo, Sangha |
|  | Bankass | Bankass-Central, Baye, Diallassagou, Kami-Bonzon, Ouenkoro, Segue, Sokoura |
|  | Baraoueli | Baroueli-Central, Konobougou, Sanando, Tamani |
|  | Bla | Bla-Central, Diaramana, Falo, Touna, Yangasso |
|  | Bourem | Bamba, Bourem-Central, Temera |
|  | Diema | Bema, Diangounte-Camara |
|  | Dioila | Beleko |
|  | Dire | Danga, Dire-Central, Haibongo, Sareyamou |
|  | Djenne | Djenne-Central, Konio, Kouakourou, Mougna, Sofara, Taga |
|  | Douentza | Boni, Bore, Douentzan-Central, Hombori, Mondoro, Ngouma |
|  | Gao | Djebock, Gao-Central, Haoussa-Foulane |
|  | Goundam | Douekire, Farach, Gargando, Goundam-Central, Raz-El-Ma, Tilemsi (Lenere), Tonka |
|  | Gourma-Rharous | Bambara-Maoude, Gourma-Rharous, Haribomo, Inadiatafane, Modiakoye |
|  | Kayes | Ambidedi, Aourou, Diadioumbera, Diamou, Kayes-Central, Koussane, Lontou, Sadiola, Same, Segala |
|  | Kita | Sebekoro |
|  | Kolokani | Djidieni |
|  | Koro | Diankabou, Dinangourou, Koporokeniena, Koro-Central, Madougou, Toroli |
|  | Koulikoro | Niamina |
|  | Macina | Kolongotomo, Macina-Central, Monimpe, Sarro, Saye |
|  | Mopti | Dialloube, Fatoma, Konna, Korientze, Mopti-Central, Ouromodi, Sendegue, Soufouroulaye, Soye |
|  | Nara | Guire |
|  | Niafunke | Banikane, Koumaira, Lere, Ngorkou, Nianfuke-Central, Sarafere, Soumpi |
|  | Niono | Nampala, Niono-Central, Pogo, Sokolo |
|  | Nioro | Gogui, Nioro-Central, Simbi, Trongoumbe |
|  | San | Dieli, Kassorola, Kassorola, Kimparana, San-Central, Sourountouna, Sy, Tene |
|  | Segou | Cinzana, Dioro, Doura, Farako, Katiena, Markala, Sansading, Segou-Central |
|  | Tenenkou | Diafarabe, Dioura, Sossobe, Tenenkou-Central, Toguerecoumbe |
|  | Tombouctou | Aglal, Ber, Bourem-Inaly |
|  | Tominian | Fangasso, Koula, Mandiakuy, Timissa, Tominiam-Central |
|  | Yelimane | Kirane, Marena, Tambacara, Yelimane-Central |
|  | Yorosso | Boura |
|  | Youvarou | Ambiri, Gathi-Loumo, Guidio, Sah, Youwarou-Central |
| Mauritania | Assaba | Aftout (Barkewol), Boumdeid |
|  | Brakna | Bababe, Boghe, M Bagne, Magta-Lahjar |
|  | Gorgol | M Bout, Maghama, Monguel |
|  | Hodh ech Chargui | Amourj, Bassikounou, Djigueni, Nema, Oualata, Timbedra |
|  | Hodh el Gharbi | Aioun al Atrous, Kobenni, Tamchekket, Tintane |
|  | Tagant | Moudjeria, Tichit, Tidjikja |
|  | Trarza | Boutilimit, R Kiz |
| Niger | Diffa | Nguigmi |
|  | Dosso | Boboye, Dosso Canton, Loga |
|  | Maradi | Guidan-Roumji, Madarounfa |
|  | Tahoua | Illela, Tahoua |
|  | Tillabery | Kollo, Say, Tera |
|  | Zinder | Goure |
| Nigeria | Bauchi | Gamawa, Itas/Gad, Jama'are, Katagum, Nafada/B, Shira, Zaki |
|  | Borno | Bama, Damboa, Dikwa, Gwoza, Kaga, Konduga, Maidugur, Mobbar, Ngala  |
|  | Jigawa | Babura, Biriniwa, BirninKu, Garki, Gumel, Hadejia, Jahun, KafinHau, KiriKasa, Kiyawa, Kiyawa, MalamMad, Ringim, Ringim, Sule-Tan |
|  | Katsina | Zango |
|  | Kebbi | Arewa, Argungu |
|  | Sokoto | Binji, Bodinga, Dange-Sh, Gada, Goronyo, Gwadabaw, Illela, Kware, Rabah, SabonBir, Silame, Sokoto, Tangazar, Wamakko, Wurno, Yabo |
|  | Yobe | Bade, Damaturu, Fika, Fune, Geidam, Nangere, Nguru, Yunusari, Yusufari |
| Senegal | Bakel | Diawara, Goudiri, Kidira |
|  | Linguere | Barkedji, Dahra, Dodji, Yang-Yang |
|  | Matam | Kanel, Ourossogui, Semme, Thilogne |
|  | Podor | Cas-Cas, Ndioum, Salde, Thille Boubacar |
| Sudan | Bahr el Ghazal | Bahr el Ghazal |
|  | Central | Blue Nile |
|  |  | El Gazira |
|  |  | White Nile |
|  | Darfur | Northern Darfur |
|  |  | Southern Darfur |
|  | Eastern | Kassala |
|  | Khartoum | Khartoum |
|  | Kordufan | North Kordufan |
|  |  | South Kordufan |
|  | Northern | Nile |
|  |  | Northern |
|  | Upper Nile | Junglei |
|  |  | Upper Nile (Sobat) |