**Шамс навига берилган код**

A5 -BARS181\_180, A7- BARS181\_167, B7-WMC44\_205, C2- WMC522\_266, C5- WMC522\_237, C8- WMC522\_195, D2 -WMC407\_141, D5-WMC407\_124, E2-WMC453\_196, E5- WMC453\_168, F2-WMS294\_102, G4- WMS495 \_159, H2- CFA2201\_196, H4- CFA2201\_161, I2-CFD76\_166, I4- CFD76\_114, J1-WMC367\_156, K3-WMS11\_206, L1-WMC314\_216, L4- WMC314\_192, M3 -WMS443\_122, N1-WMS291\_122, O2-CFA220\_272, O5-CFA220\_215, O7-CFA220\_190, P2- BARC1138\_166, Q1- WMC74\_275, Q3-WMC74\_253, R1-WMS349\_319, T2-WMC397\_176,T5- WMC397\_133, Y2- WMS261\_185, Y4-WMS261\_155, V1-GPW2181\_270, V2- GPW2181\_200, V3- GPW2181\_154

**Аллеллар сони,** **полиморфизм ахборот таркиби (PIC), (НЕ) гетерозиготалик (PIC га асосан танлаб олинган) ва NE (****самарали аллеллар сони)**

| **№** | **Маркер номи** | **Аллеллар сони** | **Аллел ўлчами** | **PIC** | **HЕ** | **NE** | **Ишчи ҳарорат (0C)** | **Хромасомадаги ўрни** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | BARS181 | 9 | 155-286 | 0,85 | 0,86 | 7,1 | 62,40 | 1B,7B |
| 2 | WMC44 | 9 | 134-216 | 0,83 | 0,847 | 6,5 | 68,15 | 1B |
| 3 | WMC522 | 12 | 102-94 | 0,83 | 0,846 | 6,5 | 57,16 | 2A,3D |
| 4 | WMC407 | 7 | 223-78 | 0,82 | 0,838 | 6,2 | 65,87 | 2A |
| 5 | WMC453 | 7 | 148-206 | 0,81 | 0,835 | 6,1 | 54,14 | 2A |
| 6 | WMS294 | 7 | 168-196 | 0,78 | 0,807 | 5,2 | 66,29 | 2A |
| 7 | WMS495 | 6 | 155-181 | 0,78 | 0,797 | 4,9 | 66,75 | 4B |
| 8 | CFA2201 | 4 | 161-208 | 0,71 | 0,75 | 4 | 67,15 | 2B |
| 9 | CFD76 | 4 | 114-176 | 0,69 | 0,747 | 4 | 66,62 | 6D |
| 10 | WMC367 | 5 | 188-216 | 0,69 | 0,746 | 3,9 | 68,16 | 6B |
| 11 | WMS11 | 6 | 166-188 | 0,71 | 0,745 | 3,9 | 64,52 | 1A,1B |
| 12 | WMC314 | 6 | 150-200 | 0,62 | 0,724 | 3,6 | 67,07 | 2B |
| 13 | WMS443 | 4 | 166-253 | 0,68 | 0,717 | 3,5 | 46,84 | 5A,5B |
| 14 | WMS291 | 5 | 153-319 | 0,63 | 0,7 | 3,3 | 53,97 | 5A |
| 15 | CFA220 | 7 | 186-227 | 0,54 | 0,695 | 3,3 | 58,36 | 2A,2B |
| 16 | BARC1138 | 4 | 145-172 | 0,65 | 0,694 | 3,3 | 59,66 | 2D |
| 17 | WMC74 | 4 | 237-275 | 0,61 | 0,687 | 3,2 | 62,4 | 4D |
| 18 | WMS349 | 4 | 108-274 | 0,54 | 0,687 | 3,2 | 66,92 | 2D |
| 19 | WMS301 | 4 | 209-277 | 0,66 | 0,681 | 3,1 | 55,6 | 2D |
| 20 | WMC397 | 6 | 126-190 | 0,64 | 0,681 | 3,1 | 64,52 | 6B,7B |
| 21 | WMS261 | 4 | 184-215 | 0,59 | 0,678 | 3,1 | 68,96 | 2D |
| 22 | GPW2181 | 3 | 154-270 | 0,58 | 0,662 | 3 | 66,35 | 5A,6A |



**1-расм. Маҳаллий буғдой навларининг SSR-маркерлар бўйича “илдизга” (root) эга бўлган филогенетик дарахти**