BCIA SOCIATION STABLISHED 1964

Alabama Beef Cattle Improvement Association 40 County Road 756 • Clanton, AL 35045 • 205-646-0115

June 26, 2023

Dear Alabama BCIA Members & Alabama Cooperative Extension Animal Science & Forages Team:

Alabama BCIA is issuing a call for nominations for the 28th Annual Alabama BCIA Fall Round Up Bull Sale. Enclosed you will find the guidelines for nomination and forms to nominate eligible bulls for the sale event. The sale event will be held on Friday, November 10, 2023, at 12:00 Noon at the Alabama Livestock Auction in Uniontown, Alabama.

PLEASE NOTE, consignors must also be aware and address any potential genetic defects of their nominated bulls. Potential carriers of any genetic defects should be tested.

NO potential carriers of any genetic defects will be cataloged or sold in BCIA sales unless a potential genetic defect status has arisen since nomination to the BCIA program. Any known carriers of a genetic defect may be sold in the sale with full disclosed information as noted by announcement in the sale catalog.

The sale will continue the requirement for <u>ALL</u> bulls will be required to have a negative Trichomoniasis test within <u>60</u> days of the sale date from an accredited laboratory, regardless of breeding status and state of origin. <u>PLEASE NOTE</u>, Consignors must also obtain and apply each bull with an official 840 electronic identification ear tag prior to delivery to sale site. This will require your state premise identification number. Please call with any questions.

Please also review the enclosed birth date and weight chart to find the minimum delivery weight of bulls by birth date. This chart will allow you to monitor your bull's growth to insure meeting the delivery weight requirements for the sale. PLEASE NOTE, the minimum weight requirement for bulls born prior to August 1, 2021 will be 1,900 lbs. with 5% shrink to be applied. Bulls must also have a minimum adjusted weaning weight of 525 lbs. Documentation of a semen evaluation and scrotal measurements within 60 days of the sale date, either by the BCIA BSE Form or the Society for Theriogenology form, must be presented when bulls are delivered to the sale site.

<u>The nomination deadline for this sale is August 15, 2023</u>. The substitution or withdrawal deadline is September 15, 2023, without forfeiting entry fees. After September 15, entry fees will not be refunded. <u>Bulls should arrive at the Alabama Livestock Auction in Uniontown, Alabama on Thursday, November 9, 2023, between 12:00 Noon and 3 PM.</u>

Please contact me if you have any questions regarding the 2023 Fall Round Up Bull Sale.

Sincerely,

Michelle F. Elmore

Extension Animal Scientist/Beef Cattle Improvement

Office Phone: (205) 646-0115 Cell: (205) 287-1080 Email: elmormf@auburn.edu

2023 ALABAMA BCIA "FALL ROUNDUP" BULL SALE GUIDELINES Entry Deadline: August 15, 2023

- 1. Consignors must be an active Alabama BCIA member.
- 2. All bulls must be registered with a recognized breed association & have EPDs for birth, weaning, maternal & yearling. All bulls must have a minimum adjusted weaning weight of 525 lbs for nomination.

 Birth & weaning weights are required to be reported at nomination to meet minimum weights. **NOTE, adjusted yearling weights are highly recommended to be reported.**
- 3. Age Range- November 1, 2019 through May 31, 2022
- 4. Bulls born between 8/1/2021-5/31/2022 must have a WDA of 2 lbs. All others must weigh at least 1,900 lbs. A 5% shrink will be allowed for delivery weight requirement & for published sale weight as bulls are weighed. Bulls not meeting the delivery weight requirements will be rejected from the sale at sale delivery when weights are taken & calculated.
- The deadline to consign bulls to this sale is AUGUST 15, 2023. The nomination items need to be mailed to: Michelle Elmore Alabama BCIA 40 Co Rd 756 Clanton, AL 35045 for each bull to be consigned:
- 6. Withdrawals will be allowed until Sept. 15, 2023 without forfeiting entry fees. After Sept. 15, 2023, no entry fees will be refunded. Substitution lots will be allowed until 30 days prior to the sale date, provided substitution bulls meet all sale requirements.
- 7. The \$100 entry fee per bull is due with nomination, payable to AL BCIA. It will be refunded provided the bull arrives at the sale & is sold. The sale cost includes: 4% of the announced selling price, 1% auctioneer fee, fixed cost of catalog, transfer fees, Beef Promotion & a prorated charge for all other cost to include advertising, labor, and barn rent.
- 8. Each <u>out of state bull</u>, on delivery, <u>must have a current valid interstate health certificate</u> (with lot number and tattoo) indicating freedom from Brucellosis. <u>Out of state</u> bulls from a certified & accredited herd still require an interstate health certificate. In order to comply with state and federal laws currently in effect regarding Trichomoniasis, Tuberculosis, Brucellosis, and interstate shipment of breeding cattle, you should consult your veterinarian and discuss this matter.
- 9. A minimum scrotal circumference of 32 cm is required for all bulls selling. The consignor is responsible for having each bull's semen evaluated within 60 days prior to delivery. Documentation either by the BCIA BSE Form or the Society for Theriogenology form of the semen evaluation & scrotal measurements must be presented when

- bulls are unloaded at sale site, if the bulls are to be sold in this sale.
- 10. ALL bulls, regardless of breeding status (both virgin & non-virgin) and state of origin (both in-state & out-of-state bulls) will be required to have a negative Trichomoniasis test within 60 days of the sale date from an accredited laboratory.
- 11. The consignor guarantees every bull selling to be a breeder, for a period of six months following sale date.
- 12. Sale order will be determined by EPD percentiles for each bull within breed for calving ease or birth, weaning, yearling, and milk. The within breed EPD index will be calculated using an individual bull's EPD & referencing the corresponding percentile for the listed 4 traits with the formula:
 - rotation will be determined by the number of each breed represented. Sale management has the right to alter sale order if deemed in the best interest of the sale. Body condition scores and disposition assessment will be addressed by a committee of 3 from the sale committee.
- 13. Bulls should arrive at the AL Livestock Auction in Uniontown, AL on Thursday, November 9, 2023 between 12:00 Noon 3 PM. Each bull must be ear tagged with both his lot visual tag & 840 official electronic tag before arrival. A state premise id number is also required.
- 14. Consignors or their designated representative will be required to remain on the premises during sale processing until their bulls or heifers are weighed & penned to verify animals meeting minimum weights & to assist in processing.

 General labor will be provided by BCIA & by requested BCIA members. Please make certain that feed & feeding instructions are given to the sale management, if applicable.
- 15. All consignors of bulls to this sale agree to abide by the rules and guidelines, to all conclusions and decisions of the sale management.
- 16. BCIA reserves the right to limit the number of consignments to this sale.
- 17. Consigned bulls remain the property of the consignor until sold in the auction ring. Neither AL BCIA, AL Livestock Auction nor any representative associated with this sale shall assume any liability, legal or otherwise.
- 18. Sale capacity will be <u>100 total nominated bulls</u>, in this priority order, Alabama, southeast region, and then national consignors.

Alabama BCIA "Fall Round Up" Bull Sale November 10, 2023 – Uniontown, AL

Entry Deadline: August 15, 2023

| BCIA HERD CODE: |
|---|
| ALABAMA (OR RESIDENT STATE) PREMISE NO: |
| FARM NAME: |
| OWNER/CONTACT PERSON: |
| ADDRESS: |
| CITY/STATE/ZIP: |
| CONTACT PHONE NUMBERS: Home () |
| EMAIL (OPTIONAL): |
| TOTAL NUMBER OF BULLS: |
| BREED: |
| Checklist to have returned with this form to the BCIA Office by August 15, 2023 to complete registration: Entry Fee (\$100 per bull) Signed Registration Papers (and leave note if you would not find a strong of the second o |
| (or <u>please note</u> if you would prefer electronic transfer) Complete Footnote Information Complete Nomination Form |
| ENTRY FEE ENCLOSED (\$100 PER BULL): Make checks payable to AL BCIA. Mail entry forms, registration papers, and entry fees to: Michelle Elmore, 40 County Road 756, Clanton, AL 35045. I have read and understand all the rules of the 2023 Fall Round Up Bull Sale, and I agree to abide by these rules. |
| Signature |
| Date |

Alabama BCIA "Fall Round Up" Bull Sale November 10, 2023 – Uniontown, AL

| Farm Name | | |
|--------------|--|--|
| | | |
| Contact Name | | |

NOTE: Shaded columns are mandatory performance information to provide!!

Please also select each bull as either a virgin or non-virgin herd sire!!!

PLEASE NOTE: ALL BULLS ARE REQUIRED TO BE TESTED FOR TRICHOMONIASIS!

| Nomination Performance Information Form | | | | | | | | |
|---|-------------------------------|--------------|------------------------|------------------|----------------------------|-------------------|---------------------------------|--|
| Tattoo # | Lot # For Office Use | Birth Wt. | Adj. Weaning Wt. | Weaning Ratio | Adj. Yearling Weight | Yearling Ratio | Footnote Information | |
| | | | | | | | Virgin Bull ☐ Non-Virgin Bull ☐ | |
| | | | | | | | Virgin Bull ☐ Non-Virgin Bull ☐ | |
| | | | | | | | Virgin Bull ☐ Non-Virgin Bull ☐ | |
| | | | | | | | Virgin Bull ☐ Non-Virgin Bull ☐ | |
| | | | | | | | Virgin Bull ☐ Non-Virgin Bull ☐ | |
| | | | | | | | Virgin Bull ☐ Non-Virgin Bull ☐ | |
| | | | | | | | Virgin Bull ☐ Non-Virgin Bull ☐ | |
| | | | | | | | Virgin Bull ☐ Non-Virgin Bull ☐ | |
| | | | | | | | Virgin Bull ☐ Non-Virgin Bull ☐ | |
| | | | | | | | Virgin Bull ☐ Non-Virgin Bull ☐ | |
| | | | | | | | Virgin Bull ☐ Non-Virgin Bull ☐ | |
| | | | | | | | Virgin Bull ☐ Non-Virgin Bull ☐ | |
| | | | | | | | Virgin Bull ☐ Non-Virgin Bull ☐ | |
| | | | | | | | Virgin Bull ☐ Non-Virgin Bull ☐ | |

Additional Footnote Information

(Please mark each tattoo number clearly for each footnote line.)

Please make sure to include additional information such as frame scores, scrotal circumference measurements, carcass ultrasound measurements, health testing results, etc. to be included in the catalog for each bull nominated.

2023 Alabama BCIA Fall Round Up Sale Minimum Bull Weight Requirements (All minimum weights include 5% shrink)

*** All bulls born from 11/1/2019 to 7/31/2021 must weigh at least 1,900 lbs. 5% Shrink Will Be Applied.***

| Birth Date | Min Wt | Birth Date | Min Wt | Birth Date | Min Wt | Birth Date | Min Wt |
|----------------------|--------|------------|--------------|------------|--------|------------|--------|
| 8/1/2021 | 1577 | 9/18/2021 | 1486 | 11/5/2021 | 1395 | 12/23/2021 | 1303 |
| 8/2/2021 | 1575 | 9/19/2021 | 1484 | 11/6/2021 | 1393 | 12/24/2021 | 1302 |
| 8/3/2021 | 1573 | 9/20/2021 | 1482 | 11/7/2021 | 1391 | 12/25/2021 | 1300 |
| 8/4/2021 | 1571 | 9/21/2021 | 1480 | 11/8/2021 | 1389 | 12/26/2021 | 1298 |
| 8/5/2021 | 1569 | 9/22/2021 | 1478 | 11/9/2021 | 1387 | 12/27/2021 | 1296 |
| 8/6/2021 | 1568 | 9/23/2021 | 1476 | 11/10/2021 | 1385 | 12/28/2021 | 1294 |
| 8/7/2021 | 1566 | 9/24/2021 | 1474 | 11/11/2021 | 1383 | 12/29/2021 | 1292 |
| 8/8/2021 | 1564 | 9/25/2021 | 1473 | 11/12/2021 | 1381 | 12/30/2021 | 1290 |
| 8/9/2021 | 1562 | 9/26/2021 | 1471 | 11/13/2021 | 1379 | 12/31/2021 | 1288 |
| 8/10/2021 | 1560 | 9/27/2021 | 1469 | 11/14/2021 | 1378 | 1/1/2022 | 1286 |
| 8/11/2021 | 1558 | 9/28/2021 | 1467 | 11/15/2021 | 1376 | 1/2/2022 | 1284 |
| 8/12/2021 | 1556 | 9/29/2021 | 1465 | 11/16/2021 | 1374 | 1/3/2022 | 1283 |
| 8/13/2021 | 1554 | 9/30/2021 | 1463 | 11/17/2021 | 1372 | 1/4/2022 | 1281 |
| 8/14/2021 | 1552 | 10/1/2021 | 1461 | 11/18/2021 | 1370 | 1/5/2022 | 1279 |
| 8/15/2021 | 1550 | 10/2/2021 | 1459 | 11/19/2021 | 1368 | 1/6/2022 | 1277 |
| 8/16/2021 | 1549 | 10/3/2021 | 1457 | 11/20/2021 | 1366 | 1/7/2022 | 1275 |
| 8/17/2021 | 1547 | 10/4/2021 | 1455 | 11/21/2021 | 1364 | 1/8/2022 | 1273 |
| 8/18/2021 | 1545 | 10/5/2021 | 1454 | 11/22/2021 | 1362 | 1/9/2022 | 1271 |
| 8/19/2021 | 1543 | 10/6/2021 | 1452 | 11/23/2021 | 1360 | 1/10/2022 | 1269 |
| 8/20/2021 | 1541 | 10/7/2021 | 1450 | 11/24/2021 | 1359 | 1/11/2022 | 1267 |
| 8/21/2021 | 1539 | 10/8/2021 | 1448 | 11/25/2021 | 1357 | 1/12/2022 | 1265 |
| 8/22/2021 | 1537 | 10/9/2021 | 1446 | 11/26/2021 | 1355 | 1/13/2022 | 1264 |
| 8/23/2021 | 1535 | 10/10/2021 | 1444 | 11/27/2021 | 1353 | 1/14/2022 | 1262 |
| 8/24/2021 | 1533 | 10/11/2021 | 1442 | 11/28/2021 | 1351 | 1/15/2022 | 1260 |
| 8/25/2021 | 1531 | 10/12/2021 | 1440 | 11/29/2021 | 1349 | 1/16/2022 | 1258 |
| 8/26/2021 | 1530 | 10/13/2021 | 1438 | 11/30/2021 | 1347 | 1/17/2022 | 1256 |
| 8/27/2021 | 1528 | 10/14/2021 | 1436 | 12/1/2021 | 1345 | 1/18/2022 | 1254 |
| 8/28/2021 | 1526 | 10/15/2021 | 1435 | 12/2/2021 | 1343 | 1/19/2022 | 1252 |
| 8/29/2021 | 1524 | 10/16/2021 | 1433 | 12/3/2021 | 1341 | 1/20/2022 | 1250 |
| 8/30/2021 | 1522 | 10/17/2021 | 1431 | 12/4/2021 | 1340 | 1/21/2022 | 1248 |
| 8/31/2021 | 1520 | 10/17/2021 | 1429 | 12/5/2021 | 1338 | 1/22/2022 | 1246 |
| 9/1/2021 | 1518 | 10/19/2021 | 1427 | 12/6/2021 | 1336 | 1/23/2022 | 1245 |
| 9/2/2021 | 1516 | 10/19/2021 | 1425 | 12/7/2021 | 1334 | 1/24/2022 | 1243 |
| 9/3/2021 | 1514 | 10/20/2021 | 1423 | 12/7/2021 | 1334 | 1/25/2022 | 1243 |
| | 1514 | 10/21/2021 | 1423 | 12/9/2021 | 1332 | | 1239 |
| 9/4/2021 | | | | | | 1/26/2022 | |
| 9/5/2021 9/6/2021 | 1511 | 10/23/2021 | 1419 1417 | 12/10/2021 | 1328 | 1/27/2022 | 1237 |
| | 1509 | 10/24/2021 | | 12/11/2021 | 1326 | 1/28/2022 | 1235 |
| 9/7/2021 | 1507 | 10/25/2021 | 1416 | 12/12/2021 | 1324 | 1/29/2022 | 1233 |
| 9/8/2021 | 1505 | 10/26/2021 | 1414 | 12/13/2021 | 1322 | 1/30/2022 | 1231 |
| 9/9/2021 | 1503 | 10/27/2021 | 1412 | 12/14/2021 | 1321 | 1/31/2022 | 1229 |
| 9/10/2021 | 1501 | 10/28/2021 | 1410 | 12/15/2021 | 1319 | 2/1/2022 | 1227 |
| 9/11/2021 | 1499 | 10/29/2021 | 1408 | 12/16/2021 | 1317 | 2/2/2022 | 1226 |
| 9/12/2021 | 1497 | 10/30/2021 | 1406 | 12/17/2021 | 1315 | 2/3/2022 | 1224 |
| 9/13/2021 | 1495 | 10/31/2021 | 1404 | 12/18/2021 | 1313 | 2/4/2022 | 1222 |
| 9/14/2021 | 1493 | 11/1/2021 | 1402 | 12/19/2021 | 1311 | 2/5/2022 | 1220 |
| 9/15/2021 | 1492 | 11/2/2021 | 1400 | 12/20/2021 | 1309 | 2/6/2022 | 1218 |
| 9/16/2021 | 1490 | 11/3/2021 | 1398 | 12/21/2021 | 1307 | 2/7/2022 | 1216 |
| 9/17/2021 | 1488 | 11/4/2021 | 1397 | 12/22/2021 | 1305 | 2/8/2022 | 1214 |

2023 Alabama BCIA Fall Round Up Sale Minimum Bull Weight Requirements (All minimum weights include 5% shrink)

| Birth Date | Min Wt | Birth Date | Min Wt | Birth Date | Min Wt |
|------------|--------|------------|--------|------------|--------|
| 2/9/2022 | 1212 | 3/31/2022 | 1117 | 5/20/2022 | 1022 |
| 2/10/2022 | 1210 | 4/1/2022 | 1115 | 5/21/2022 | 1020 |
| 2/11/2022 | 1208 | 4/2/2022 | 1113 | 5/22/2022 | 1018 |
| 2/12/2022 | 1207 | 4/3/2022 | 1112 | 5/23/2022 | 1017 |
| 2/13/2022 | 1205 | 4/4/2022 | 1110 | 5/24/2022 | 1015 |
| 2/14/2022 | 1203 | 4/5/2022 | 1108 | 5/25/2022 | 1013 |
| 2/15/2022 | 1201 | 4/6/2022 | 1106 | 5/26/2022 | 1011 |
| 2/16/2022 | 1199 | 4/7/2022 | 1104 | 5/27/2022 | 1009 |
| 2/17/2022 | 1197 | 4/8/2022 | 1102 | 5/28/2022 | 1007 |
| 2/18/2022 | 1195 | 4/9/2022 | 1100 | 5/29/2022 | 1005 |
| 2/19/2022 | 1193 | 4/10/2022 | 1098 | 5/30/2022 | 1003 |
| 2/20/2022 | 1191 | 4/11/2022 | 1096 | 5/31/2022 | 1001 |
| 2/21/2022 | 1189 | 4/12/2022 | 1094 | 0/01/2022 | 1001 |
| 2/22/2022 | 1188 | 4/13/2022 | 1093 | | |
| 2/23/2022 | 1186 | 4/14/2022 | 1091 | | |
| 2/24/2022 | 1184 | 4/15/2022 | 1089 | | |
| 2/25/2022 | 1182 | 4/16/2022 | 1087 | | |
| 2/26/2022 | 1180 | 4/17/2022 | 1085 | | |
| 2/27/2022 | 1178 | 4/18/2022 | 1083 | | |
| 2/28/2022 | 1176 | 4/19/2022 | 1081 | | |
| 3/1/2022 | 1174 | 4/20/2022 | 1079 | | |
| 3/2/2022 | 1172 | 4/21/2022 | 1077 | | |
| 3/3/2022 | 1170 | 4/22/2022 | 1075 | | |
| 3/4/2022 | 1169 | 4/23/2022 | 1074 | | |
| 3/5/2022 | 1167 | 4/24/2022 | 1072 | | |
| 3/6/2022 | 1165 | 4/25/2022 | 1070 | | |
| 3/7/2022 | 1163 | 4/26/2022 | 1068 | | |
| 3/8/2022 | 1161 | 4/27/2022 | 1066 | | |
| 3/9/2022 | 1159 | 4/28/2022 | 1064 | | |
| 3/10/2022 | 1157 | 4/29/2022 | 1062 | | |
| 3/11/2022 | 1155 | 4/30/2022 | 1060 | | |
| 3/12/2022 | 1153 | 5/1/2022 | 1058 | | |
| 3/13/2022 | 1151 | 5/2/2022 | 1056 | | |
| 3/14/2022 | 1150 | 5/3/2022 | 1055 | | |
| 3/15/2022 | 1148 | 5/4/2022 | 1053 | | |
| 3/16/2022 | 1146 | 5/5/2022 | 1051 | | |
| 3/17/2022 | 1144 | 5/6/2022 | 1049 | | |
| 3/18/2022 | 1142 | 5/7/2022 | 1047 | | |
| 3/19/2022 | 1140 | 5/8/2022 | 1045 | | |
| 3/20/2022 | 1138 | 5/9/2022 | 1043 | | |
| 3/21/2022 | 1136 | 5/10/2022 | 1041 | | |
| 3/22/2022 | 1134 | 5/11/2022 | 1039 | | |
| 3/23/2022 | 1132 | 5/12/2022 | 1037 | | |
| 3/24/2022 | 1131 | 5/13/2022 | 1036 | | |
| 3/25/2022 | 1129 | 5/14/2022 | 1034 | | |
| 3/26/2022 | 1127 | 5/15/2022 | 1032 | | |
| 3/27/2022 | 1125 | 5/16/2022 | 1030 | | |
| 3/28/2022 | 1123 | 5/17/2022 | 1028 | | |
| 3/29/2022 | 1121 | 5/18/2022 | 1026 | | |
| 3/30/2022 | 1119 | 5/19/2022 | 1024 | | |
| | | | | | |



Alabama Beef Cattle Improvement Association

40 County Road 756 Clanton, Alabama 35045 205/646-0115

BCIA Breeding Soundness Examination Form

| Owner: | | Bull Name: | | Date: | |
|---|----------------------------------|---|-------------|----------------|--|
| Address: | | Bull ID #: | | Breed: | |
| | | Lot #: | | | |
| City: State: Zip: | | Farm / Tattoo #: | | | |
| Phone:() | | EID#: | | | |
| | | Birth Date: | | Age: | |
| | | | | | |
| Physical Examination | | Semen Eval | luation | | |
| Body Condition Score: 1 2 3 4 5 6 7 8 9 | | Collection Method: EE | AV □ | Massage | |
| Feet/Legs: | Res | ponse: Erection Protrus | ion 🗆 Ej | aculation | |
| Eyes: | Sen | nen Characteristics: | Ejaculate | 1 Ejaculate | |
| Vesicular Glands: | Mo | tility (%): | | | |
| Ampuilae/Prostate: | | Gross (or) | | | |
| Inguinal Rings: | | Individual | | | |
| Penis/Prepuce: | % I | Normal Cells | | | |
| Testes/Spermatic Cord: | % I | Primary Abnormalities | | | |
| Epididymidis: | % \$ | Secondary Abnormalities | | | |
| Scrotum: (Shape) | WB | C, RBC, Other | | | |
| Other: | | CLASSIFIC | CATION | | |
| Scrotal Circumference: | | rpretation of data resulting fro ton this date this bull is a: | m this exam | would indicate | |
| Remarks: | | Satisfactory potential Unsatisfactory potent Deferred for Re-exan | ial breeder | | |
| | Re-examination recommended date: | | | | |
| | | | | | |
| eterinarian (please sign): | | | | | |
| | | | | | |
| linic: | | | | | |

Reference Tables for Sperm Motility and Morphology

| Minimum Recommended Motility is: 30% or Fair (F) | | | | | |
|--|----------------|-------------------|--|--|--|
| Mass Activity (Gross) | <u>Rating</u> | <u>Individual</u> | | | |
| Rapid Swirling | Very Good (VG) | ≥ 70% | | | |
| Slower Swirling | Good (G) | 50 - 69% | | | |
| Generalized Oscillation | Fair (F) | 30 - 49% | | | |
| Sporadic Oscillation | Poor (P) | < 30% | | | |

| Speri | Sperm Morphology | | | | | |
|--|--|--|--|--|--|--|
| Minimum Recommended Morphology is: 70% Normal Cells | | | | | | |
| Primary Sperm Abnormalities: | Secondary Sperm Abnormalities: | | | | | |
| Underdeveloped Double forms Acrosome defect Narrow heads Crater/Diadem defect Pear-shaped defect Abnormal contour Small abnormal heads Free abnormal heads | Small normal heads Giant and short broad heads Free normal heads Detached, folded, loose acrosomal membranes Abaxial implantation Distal droplet Simple bent tail Terminally coiled tail | | | | | |
| Abnormal midpiece Proximal droplet Strongly folded or coiled tail Accessory tails | Other Cells: | | | | | |
| | Epithelial cells Erythrocytes Medusa formations Sperm precursor cells Round cells White blood cells | | | | | |