

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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| Animal ID | Tattoo    | Sex    | Date of Birth | Animal Name                    | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|-----------|--------|---------------|--------------------------------|---------------|---------------------------|---------------|---------------|
| 867594    | IMP 3607E | Male   | 16/02/1995    | C A FUTURE DIRECTION 5321      | 1,103         | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1038572   | IMP 9520J | Male   | 02/05/1999    | ROTHS MILLCREEK UNIQUE         | 631           | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1061388   | IMP 1680Z | Male   | 06/09/1990    | G A R PRECISION 1680           | 107           | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1063864   | IMP 7408G | Male   | 28/02/1997    | RED SODAK PRECISION 7408-97    | 119           | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1076413   | IMP 7708G | Male   | 06/04/1998    | G A R PINNACLE                 | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1090511   | IMP 1720K | Male   | 01/09/2000    | RANGER G 1720                  | 138           | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1091104   | CTSA 2M   | Male   | 18/01/2002    | CTS FUTURE DIRECTION 2M        | 21            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1091534   | AJS 72M   | Female | 06/02/2002    | AJ'S BESSIE 72M                | 9             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1104250   | LES 39M   | Female | 30/01/2002    | STANDARD HILL PRIDE 39M        | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1108317   | OEA 44M   | Male   | 23/01/2002    | TAFIKA UNIQUE 44M              | 80            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1115834   | IMP 6002F | Male   | 21/03/1996    | WHITE OAK PRECISE 6002         | 322           | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1117994   | IMP 409J  | Male   | 03/08/1999    | G A R EVEREST 9409             | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1119689   | CBM 105M  | Female | 26/01/2002    | RED LAZY MC OLENA 105M         | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1120784   | JBR 11M   | Female | 30/01/2002    | BAR B ERICA 11M                | 10            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1143036   | IMP 0161E | Male   | 16/05/1995    | TWIN VALLEY PRECISION E161     | 91            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1144498   | EA 46N    | Female | 13/01/2003    | EASY RAY PAULA 46N             | 13            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1145027   | LFL 4N    | Female | 03/01/2003    | STALBURN ZARA 4N               | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1147755   | IMP 022M  | Male   | 01/01/2002    | W C C ZAF HOOSIER HEARTLAND    | 161           | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1153577   | CGD 09N   | Male   | 13/01/2003    | RED COLE PRECISION 09N         | 64            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1155932   | OTA 58N   | Female | 22/01/2003    | OTA MISS UNIQUE 58N            | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1157564   | DWS 4N    | Female | 14/01/2003    | DELANNA BARBARA 4N             | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1159321   | DGB 90N   | Female | 24/01/2003    | BRIDGEHAVEN NATALIE 90N        | 10            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1167113   | IMP 7K    | Male   | 02/04/2000    | S A F MILLCREEK CHARISMA       | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1167879   | MLD 20N   | Female | 28/02/2003    | DM SANDRA 20N                  | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1169620   | KBS 1N    | Female | 23/01/2003    | KEMBAR TARA 1N                 | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1173136   | MLD 32N   | Female | 10/03/2003    | DM JESTRESS 32N                | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1174901   | TMH 1N    | Male   | 25/01/2003    | RED DRYFORK K-C PRECISELY JACK | 204           | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1175370   | ABA 15N   | Female | 24/01/2003    | MVF FAVORITE 15N               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1178250   | WNJ 35N   | Female | 15/04/2003    | OAK MANOR PRIDE 35N            | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1184558   | CSG 5N    | Female | 25/01/2003    | BREED CREEK M'BROOK LASS 305   | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1189007   | MNO 135N  | Female | 07/09/2003    | WILLABAR COUNTESS 135N         | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1191307   | IMP 2586M | Female | 31/01/2002    | LAGRAND EMPRESS 2586           | 9             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1193512   | IMP 2029M | Male   | 08/03/2002    | CHAMPION HILL EDITION 2029     | 129           | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1194287   | IMP 2202M | Male   | 13/01/2002    | VDAR PREDICTA BULL             | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1195977   | MW 9P     | Female | 28/02/2004    | LINMAR ALLEGRA 9P              | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1196637   | IMP 0111L | Male   | 15/10/2001    | MORGANS DIRECTION 111 9901     | 73            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1197976   | SC 8N     | Female | 02/02/2003    | SQUAW COULEE ROSEBUD 8N        | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1198253   | SC 10N    | Female | 04/02/2003    | SQUAW COULEE 10N               | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1199002   | EA 74P    | Female | 16/01/2004    | EASY RAY ERICA 74P             | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1199532   | LFL 65N   | Male   | 18/12/2003    | STALBURN NOTATION 65N          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |

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| Animal ID | Tattoo    | Sex    | Date of Birth | Animal Name                    | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|-----------|--------|---------------|--------------------------------|---------------|---------------------------|---------------|---------------|
| 1199781   | KBJ 95P   | Female | 04/01/2004    | KBJ DUCHESS 95P                | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1200316   | YMJ 24P   | Female | 02/04/2004    | HARRON ERROLLINE 24P           | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1200360   | FHY 19P   | Female | 21/01/2004    | FHY FLORA'S BEST 19P           | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1202389   | IMP 100L  | Male   | 05/04/2001    | KING KAHN B100                 | 54            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1206449   | HAP 44P   | Female | 07/04/2004    | D C PRIDE 44P                  | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1206498   | KBJ 21P   | Female | 21/01/2004    | KBJ ERELITE 21P                | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1209571   | RON 14P   | Female | 04/02/2004    | BRANTNOR'S EDAM 14P            | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1209781   | RJS 4P    | Female | 21/01/2004    | ANGUS HILLS ELIZABETH 4P       | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1213400   | DF 36P    | Male   | 03/03/2004    | MOUNTAIN ASH BLACK PANTHER 36P | 29            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1213420   | SSF 218P  | Female | 01/02/2004    | SSF SCOTTS FD JEAN 218P        | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1213615   | JBJR 30P  | Female | 22/02/2004    | GARIBALDI'S PIA 30P            | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1214877   | JNI 61P   | Female | 16/02/2004    | ROSE OF GUMBO GULCH 61P        | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1214895   | JNI 142P  | Female | 05/03/2004    | PRIDE OF GUMBO GULCH 142P      | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1218623   | GNP 6P    | Female | 18/02/2004    | PAULINE OF RAINBOW HILLS 6P    | 11            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1218663   | GNP 3P    | Female | 13/02/2004    | BRIDIE OF RAINBOW HILLS 3P     | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1218720   | GNP 5P    | Female | 15/02/2004    | LUCY OF RAINBOW HILLS 5P       | 12            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1222106   | BDS 41P   | Female | 06/02/2004    | SCC 5321 TIBBIE 13M 41P        | 10            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1224447   | FISH 8P   | Female | 13/02/2004    | FISHER MISS PRECISE 8P         | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1226821   | XLB 11P   | Female | 19/01/2004    | XLB MISS DIRECTION 11P         | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1228891   | OLSN 16P  | Female | 05/05/2004    | OLSON 16P                      | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1228893   | OLSN 18P  | Female | 07/05/2004    | OLSON 18P                      | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1236858   | CHSF 120P | Male   | 20/01/2004    | CEDARHILL PONTIAC 120P         | 14            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1237340   | WW 1N     | Female | 12/01/2003    | WINDY WILLOWS BARBARA 1N       | 10            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1240494   | LES 2P    | Female | 12/01/2004    | STANDARD HILL BLACKBIRD 2P     | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1242682   | LLB 238P  | Female | 11/01/2004    | LLB EULIMA 238P                | 11            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1242825   | JLLB 291P | Female | 11/03/2004    | LLB NELLIE PRIDE 291P          | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1244060   | MJO 30P   | Female | 14/01/2004    | BLACK RIDGE LITTLE DOLL 30P    | 9             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1246329   | PDA 34P   | Female | 21/01/2004    | RED NORTH WIND DYNAH 34P       | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1247651   | IMP 014N  | Male   | 15/01/2003    | BT TOUCHDOWN 14N               | 56            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1251076   | SAFL 6R   | Female | 13/02/2005    | NEW FORCE EVERELDA ENTENSE 6R  | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1252495   | SC 6R     | Female | 01/01/2005    | SQUAW COULEE BELLA 6R          | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1252831   | LLR 4R    | Female | 05/02/2005    | LLR MS NEW DIRECTION 4R        | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1255148   | TMJ 8R    | Female | 16/01/2005    | TAMBRI BO-PEEP 8R              | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1259495   | SHE 3R    | Female | 27/01/2005    | AITKEN ACRES RUBY 3R           | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1261067   | NEU 514R  | Female | 22/01/2005    | CRANBERRY CREEK DOLLY 514R     | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1263653   | FHY 571R  | Female | 03/02/2005    | FHY QUEEN 571R                 | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1264286   | KBJ 175R  | Female | 07/02/2005    | KBJ DUCHESS 175R               | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1265581   | WJD 227R  | Female | 07/02/2005    | WILBAR LUCY 227R               | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1265717   | JNI 15R   | Female | 31/01/2005    | BELL OF GUMBO GULCH 15R        | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1265720   | JNI 57R   | Female | 12/02/2005    | EVERA OF GUMBO GULCH 57R       | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |

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|-----------|-----------|--------|---------------|--------------------------------|---------------|---------------------------|---------------|---------------|
| 1265735   | JNI 14R   | Female | 31/01/2005    | PRINCESS OF GUMBO GULCH 14R    | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1266064   | IMP 43K   | Male   | 07/04/2000    | GT ECHO                        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1268551   | ZKMH 8R   | Female | 22/03/2005    | ZKMH 108N REESE 8R             | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1271913   | SVK 217R  | Female | 24/02/2005    | NEW FORCE PRIDE 217R           | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1272860   | DLR 24R   | Female | 17/02/2005    | SUNNY GROVE LASSIE 24R         | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1282427   | TVF 37P   | Female | 11/01/2004    | TWIN VALLEY WINSOME 37P        | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1285724   | CBM 40R   | Female | 07/02/2005    | RED LAZY MC OLENA 40R          | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1286145   | CCH 8R    | Female | 10/01/2005    | HFI 5321 ENCHANTRESS 8R        | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1286148   | CCH 7R    | Male   | 09/01/2005    | HFI NORTHEASTERN 7R            | 38            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1287177   | IMP 099K  | Female | 16/11/2000    | H F ROSETTA 099                | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1288663   | IMP 13N   | Male   | 08/03/2003    | LCC FEW DOLLARS MORE H013N     | 130           | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1289366   | FS 1R     | Female | 18/06/2005    | SS SUN-HEE TIBBIE FS1R         | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1291556   | KFB 41P   | Female | 31/01/2004    | CROOKED CREEK DEWDROP 41P      | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1293010   | HART 109R | Female | 31/08/2005    | WILLABAR COUNTESS 109R         | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1294516   | POKE 242R | Female | 16/08/2005    | BENCHMARK ELBA 5242            | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1299546   | CAP 407P  | Female | 25/04/2004    | D & C 1680 ARK PRIDE 407       | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1300252   | RSTD 130R | Female | 31/01/2005    | RINGSTEAD RUBY 130R            | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1300269   | RSTD 128R | Female | 31/01/2005    | RINGSTEAD ALETA 128R           | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1300274   | RSTD 77R  | Female | 22/01/2005    | RINGSTEAD ALETA 77R            | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1300841   | IMP 2824M | Male   | 27/02/2002    | KG DAKOTA                      | 37            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1301649   | DUA 5100R | Female | 28/02/2005    | U-2 LADY 5100R                 | 11            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1301895   | DGB 6R    | Female | 07/01/2005    | BRIDGEHAVEN NATALIE 6R         | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1302245   | IMP 0142P | Male   | 17/02/2004    | BASIN FRANCHISE P142           | 47            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1303344   | HPF 10P   | Female | 09/02/2004    | LEGEND LANE FD HEATHERLASS 10P | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1305856   | IMP 72N   | Female | 28/02/2003    | HYALITE GAL N72                | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1306938   | BDS 13S   | Male   | 30/01/2006    | SCC FUTURE DIRECTION 13S       | 26            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1307707   | LLR 9S    | Female | 14/02/2006    | LLR LOUISE FUTURE DIRECTION 9S | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1307709   | LLR 11S   | Female | 28/02/2006    | LLR MS. FULLBACK DIRECTION 11S | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1309287   | ECA 10R   | Female | 02/03/2005    | EDIE CREEK T.P. CAROLINE 10R   | 10            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1312697   | DTZ 103S  | Male   | 10/02/2006    | CRESCENT CREEK HOOSIER 103S    | 57            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1313445   | KFB 38P   | Female | 30/01/2004    | CROOKED CREEK QUEEN MOM 38P    | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1313797   | KFB 33P   | Female | 27/01/2004    | CROOKED CREEK DEWDROP 33P      | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1314968   | IMP 847N  | Male   | 22/01/2003    | LCC ARRIVAL G847N              | 37            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1316610   | WOS 136S  | Female | 16/02/2006    | CRESCENT CREEK ROSEBUD 136S    | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1316619   | WOS 65S   | Female | 04/02/2006    | CRESCENT CREEK MARGARET 65S    | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1316661   | RON 3S    | Female | 05/01/2006    | BRANTNOR'S DELIA 3S            | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1317299   | BDV 06S   | Female | 08/01/2006    | CATFISH QUEEN BANDO 3M 06S     | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1318940   | CIND 233S | Female | 20/01/2006    | RED CINDER CARMELLA 233S       | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1319824   | JBJR 45S  | Female | 27/02/2006    | GARIBALDI'S PAOLA 45S          | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1323417   | ZBW 149S  | Female | 09/03/2006    | RED CH ROSETTE                 | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |

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|-----------|------------|--------|---------------|---------------------------------|---------------|---------------------------|---------------|---------------|
| 1323541   | EA 88S     | Female | 16/01/2006    | EASY RAY LASS 88S               | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1323557   | EA 86S     | Female | 13/01/2006    | EASY RAY LUCY 86S               | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1326086   | VWB 62S    | Female | 20/03/2006    | LUCY OF RAINBOW HILLS 62S       | 9             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1329902   | RCAT 5R    | Female | 04/03/2005    | RCAT FAVORITE 5R                | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1333173   | GBB 1S     | Female | 12/01/2006    | BLADES MISS PRECISE 1S          | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1334073   | KBJ 234S   | Female | 12/01/2006    | KBJ RUBY 234S                   | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1334102   | IEF 2S     | Female | 11/01/2006    | BAILEY ACRES SCARRA 2S          | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1336201   | TVF 53S    | Female | 02/01/2006    | TWIN VALLEY ENDELLA 53S         | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1338607   | KBJ 254S   | Female | 20/01/2006    | KBJ LADY WREN 254S              | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1339465   | SSA 70S    | Female | 07/02/2006    | SSA RUBY 70S                    | 9             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1343315   | CCH 16S    | Female | 04/02/2006    | HFI F.D. BLACKBIRD 16S          | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1343848   | RCAT 4S    | Female | 09/03/2006    | RCAT MAYFLOWER 4S               | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1345295   | WYAA 48S   | Female | 17/01/2006    | 2HR TOPGAL 48S                  | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1349623   | LLR 20S    | Male   | 09/03/2006    | LLR MR FUTURE DIRECTION 878 20S | 13            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1350042   | CO 2S      | Female | 25/01/2006    | EARLEY NANCY 2S                 | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1351151   | HJX 177S   | Female | 14/04/2006    | DEER RIVER BURGESS 177S         | 10            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1351160   | HJX 190S   | Female | 14/04/2006    | DEER RIVER IDELETTE 190S        | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1351254   | HJX 328S   | Female | 24/04/2006    | DEER RIVER IDELETTE 328S        | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1352615   | NHI 143S   | Male   | 15/02/2006    | BAR MM DAKOTA 143S              | 18            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1352637   | NHI 200S   | Female | 02/03/2006    | BAR MM EILEEN 200S              | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1352671   | NHI 19S    | Female | 15/01/2006    | BAR MM ELLIE 19S                | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1357196   | BFL 293S   | Female | 06/08/2006    | BENCHMARK LADY HEATHER 6293     | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1357394   | AAF 706S   | Female | 21/02/2006    | ARETE DAKOTA PRIDE 11N 7'06     | 9             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1364142   | MFI 174S   | Female | 12/03/2006    | MFI TROJAN ERICA 6174           | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1367333   | SMI 16R    | Female | 10/02/2005    | SMITHVIEW SUSAN 16R             | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1367792   | COAR 3403S | Female | 16/02/2006    | BAR 5 AN LADY EILEEN 3403S      | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1369345   | LLR 2T     | Male   | 15/01/2007    | LLR MR. FUTURE 878 2T           | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1369528   | IMP 5216R  | Male   | 21/02/2005    | S A V LEGACY 5216               | 363           | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1369584   | DRR 700T   | Female | 06/02/2007    | DRR FUTURE KARIN 700T           | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1370635   | CHSF 401S  | Female | 01/04/2006    | CEDARHILL SELENA 401S           | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1370872   | KEB 615S   | Female | 17/02/2006    | HALCYON SILENE 615S             | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1371354   | POKE 19T   | Female | 22/01/2007    | BENCHMARK ELBA 719              | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1371372   | YMJ 2T     | Female | 01/01/2007    | HARRON FAVORITE 2T              | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1373548   | IMP 6303S  | Male   | 02/03/2006    | S A V TRUE GRIT 6303            | 83            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1373575   | SC 67T     | Male   | 27/01/2007    | SQUAW COULEE FUTURE 67T         | 42            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1373981   | LELA 16T   | Female | 24/01/2007    | LEELA EULIMA 16T                | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1377311   | RON 11T    | Female | 29/01/2007    | BRANTNOR'S DELIA 11T            | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1379562   | TRV 18T    | Female | 05/03/2007    | TREV GRID BESSIE 18T            | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1380093   | BDS 9T     | Female | 02/02/2007    | SCCTIBBIE 9T                    | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1380100   | BDS 31T    | Female | 08/02/2007    | SCC TIBBIE 31T                  | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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| Animal ID | Tattoo     | Sex    | Date of Birth | Animal Name                    | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|------------|--------|---------------|--------------------------------|---------------|---------------------------|---------------|---------------|
| 1381947   | HJX 42T    | Female | 04/04/2007    | DEER RIVER IDELETTE 42T        | 9             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1381952   | HJX 50T    | Male   | 04/04/2007    | DEER RIVER KAHN 50T            | 27            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1381963   | HJX 64T    | Female | 05/04/2007    | DEER RIVER ROSEBUD 64T         | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1381987   | HJX 101T   | Female | 09/04/2007    | DEER RIVER DUCHESS 101T        | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1381989   | HJX 104T   | Female | 09/04/2007    | DEER RIVER MINA 104T           | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1382003   | HJX 130T   | Female | 12/04/2007    | DEER RIVER IDELETTE 130T       | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1382031   | HJX 186T   | Female | 16/04/2007    | DEER RIVER IDELETTE 186T       | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1382413   | DF 42T     | Female | 02/03/2007    | MOUNTAIN ASH ROSEBUD LASS 42T  | 9             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1383721   | GABY 79S   | Male   | 18/10/2006    | TURGEON SUCRE 79S              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1385294   | IMP 623P   | Male   | 10/02/2004    | WHITESTONE LANDMARK 623T       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1385407   | DA 7T      | Male   | 23/02/2007    | LARCHVIEW F DIRECTION 7T       | 11            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1385496   | DRM 12T    | Female | 09/01/2007    | DRM BLACKBIRD 12T              | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1387163   | COAR 3802S | Female | 30/07/2006    | BAR 5 AN MISS EILEEN 3802S     | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1387454   | WCJ 24T    | Female | 27/02/2007    | LOOKBACK EXTRA ARRIVAL 4048T   | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1391025   | HPF 702T   | Female | 01/01/2007    | LEGEND LANE EDIT FAVORITE 702  | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1391611   | BEL 4T     | Male   | 28/01/2007    | R G MR. MAN 4T                 | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1394142   | ZKMH 13T   | Female | 15/04/2007    | ZKMH 108N TELISA 13T           | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1394144   | ZKMH 11T   | Female | 13/04/2007    | ZKMH 108N TORY 11T             | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1396170   | MJJ 33T    | Male   | 17/01/2007    | JEM EDITION 33T                | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1396596   | DRM 23T    | Female | 20/01/2007    | DRM JULIET 23T                 | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1396879   | SOO 1T     | Female | 02/01/2007    | SOO LINE BLACKCAP 7001         | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1397150   | FLA 1T     | Female | 01/01/2007    | FIRST LINE COUNTESS 1T         | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1404462   | TGK 15R    | Female | 04/02/2005    | BIG SKY M A F DIAMOND MIST 15R | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1405567   | IMP 174R   | Female | 13/03/2005    | MC CRACKEN VU LUCY 174         | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1405582   | IMP 181P   | Female | 22/02/2004    | WHITESTONE FOREVER LADY T181   | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1408644   | XSS 21T    | Female | 15/02/2007    | SUNSETVIEW BLACKWOOD 21T       | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1408706   | RCC 309T   | Female | 15/05/2007    | REMINGTON ELENA 309T           | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1410202   | IMP 758N   | Male   | 14/03/2003    | BT CROSSOVER 758N              | 21            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1411501   | JBS 07T    | Female | 28/01/2007    | ATLASTA BB IDEAL ANN 07T       | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1413793   | HART 5T    | Female | 30/03/2007    | WILLABAR COUNTESS 5T           | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1414394   | RSTD 35T   | Male   | 02/02/2007    | RINGSTEAD MASTERPLAN 35T       | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1415795   | TMBR 7T    | Female | 26/02/2007    | TIMBER TRAIL 7T                | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1416873   | IMP 0269S  | Male   | 11/08/2006    | FV NEW DESIGN S269             | 72            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1417943   | AB 105S    | Male   | 15/09/2006    | BB PRECISION 105S              | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1418136   | ECA 10T    | Female | 25/02/2007    | EDIE CREEK CAROLINE 10T        | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1418956   | OLEF 185T  | Female | 08/05/2007    | OLE BLACKBIRD 185T             | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1419423   | RSTD 205T  | Female | 15/02/2007    | RINGSTEAD MAYFLOWER 205T       | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1419434   | RSTD 279T  | Female | 22/02/2007    | RINGSTEAD MARGARET 279T        | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1424748   | HART 87T   | Female | 06/09/2007    | WILLABAR COUNTESS 87T          | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1427176   | EA 21U     | Female | 10/01/2008    | EASY RAY PAULA 21U             | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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| Animal ID | Tattoo    | Sex    | Date of Birth | Animal Name                    | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|-----------|--------|---------------|--------------------------------|---------------|---------------------------|---------------|---------------|
| 1427689   | IMP 503P  | Female | 11/01/2004    | WHITESTONE REMEDY 503T         | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1428300   | SBR 856U  | Male   | 21/02/2008    | SOUTH BORDER HOOSIER 856U      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1428301   | SBR 858U  | Male   | 22/02/2008    | SOUTH BORDER HOOSIER 858U      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1428309   | SBR 878U  | Female | 22/03/2008    | SOUTH BORDER BONNY 878U        | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1428316   | SBR 855U  | Male   | 21/02/2008    | SOUTH BORDER HOOSIER 855U      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1428957   | YMJ 4U    | Female | 04/01/2008    | HARRON ROXY 4U                 | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1430971   | LFL 33T   | Male   | 16/11/2007    | STALBURN TRIGGER 33T           | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1431249   | WLP 19U   | Female | 29/03/2008    | WIL-MAR BLACK JESTRESS 19U     | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1432796   | LLR 16U   | Female | 04/04/2008    | LLR MS STOCKER DIRECTION 16U   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1434088   | RON 8U    | Female | 20/01/2008    | BRANTNOR DELIA 8U              | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1436424   | JNI 91U   | Female | 19/02/2008    | LULUMAR OF GUMBO GULCH 91U     | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1436511   | JNI 81U   | Female | 18/02/2008    | PRINCESS OF GUMBO GULCH 81U    | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1436536   | JNI 48U   | Female | 12/02/2008    | MAYFLOWER OF GUMBO GULCH 48U   | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1436537   | JNI 17U   | Female | 05/02/2008    | GEORGINA OF GUMBO GULCH 17U    | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1436540   | JNI 44U   | Female | 12/02/2008    | BELL OF GUMBO GULCH 44U        | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1439118   | DGHR 7U   | Male   | 08/01/2008    | DGHR LEGACY 7U                 | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1441107   | CTFA 111U | Female | 18/02/2008    | CTF MYTTY BELL SAV LEGACY 111U | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1442682   | ZKMH 1U   | Male   | 23/02/2008    | ZKMH 92S ULTIMO 1U             | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1442823   | AEF 809U  | Female | 20/03/2008    | ARETE MISS EMULOUS 215P 9'08   | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1442834   | DF 19U    | Female | 10/02/2008    | MOUNTAIN ASH ROSEBUD 19U       | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1442974   | CHSF 322T | Female | 22/03/2007    | CEDARHILL TULIP 322T           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1442975   | CHSF 401T | Female | 01/04/2007    | CEDARHILL TWISTED SISTER 401T  | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1443498   | UF 47U    | Female | 15/01/2008    | CUDLOBE BONNIE 47U             | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1443880   | ZBW 180U  | Female | 09/02/2008    | RED COPPERHEAD ADDITUDE 180U   | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1444398   | DA 14U    | Male   | 23/03/2008    | LARCHVIEW F DIRECTION 14U      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1444422   | TXE 4U    | Female | 02/01/2008    | WORTH-A-BIT COREY 4U           | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1445287   | ECA 34U   | Female | 04/02/2008    | EDIE CREEK CAROLINE 34U        | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1448515   | KBJ 238U  | Female | 08/02/2008    | KBJ ERELITE 238U               | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1449417   | KFB 68U   | Female | 13/02/2008    | CRKED CRK DEWDROP 68U          | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1450021   | JLMB 121U | Female | 10/02/2008    | JL PRIDE 8121                  | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1450022   | JLMB 122U | Female | 10/02/2008    | JL ELBA 8122                   | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1450063   | JLMB 178U | Male   | 21/02/2008    | JL LEGACY 8178                 | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1454554   | YHB 22U   | Female | 13/02/2008    | BAR-E-L DUCHESS 22U            | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1454579   | YHB 86U   | Female | 23/02/2008    | BAR-E-L ELITE 86U              | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1454728   | DBR 38U   | Female | 16/02/2008    | BAR-E-L LUCY 38U               | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1459266   | RYY 65U   | Female | 17/03/2008    | ROVER Y MISS MORGAN 65U        | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1459354   | IMP 190N  | Male   | 17/01/2003    | STEVENSON BENCHMARK N190       | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1460505   | JSG 805U  | Male   | 24/01/2008    | JS LEGACY 805                  | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1461030   | IMP 0689L | Male   | 04/02/2001    | LCC DILLON G689L               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1461874   | KFB 87U   | Female | 25/02/2008    | CRKED CRK QUEEN MOM 87U        | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
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 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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| Animal ID | Tattoo     | Sex    | Date of Birth | Animal Name                    | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|------------|--------|---------------|--------------------------------|---------------|---------------------------|---------------|---------------|
| 1464751   | AAO 3U     | Female | 10/05/2008    | AAO ERIN ANN U3                | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1465303   | GBB 224U   | Female | 24/02/2008    | BLADES MS WIDESPREAD 224U      | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1465726   | UG 3U      | Female | 02/02/2008    | UPPER GLEN BLACK MERCEDES 3U   | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1465748   | RSTD 807T  | Female | 12/05/2007    | RINGSTEAD MISS RIGHT 807T      | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1465761   | RSTD 775T  | Female | 08/05/2007    | RINGSTEAD MAYFLOWER 775T       | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1465763   | RSTD 757T  | Female | 02/05/2007    | RINGSTEAD ALETA 757T           | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1465780   | RSTD 754T  | Female | 01/05/2007    | RINGSTEAD ALETA 754T           | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1466667   | SBR 845U   | Female | 13/02/2008    | SOUTH BORDER QUEEN RUTH 845U   | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1467139   | DBRL 5U    | Male   | 24/01/2008    | DBRL 5216R UPTOWN 5U           | 11            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1467592   | LOUB 456T  | Female | 01/12/2007    | LOUBER BLACKIE LEGACY 456T     | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1468306   | IMP F80BS  | Female | 20/09/2005    | GARRET'S PLEASANT PRIDE F80B   | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1468948   | AAV 965T   | Female | 28/12/2007    | BLACKBIRD OF ALLANVILLE 965T   | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1468951   | AAV 964U   | Female | 11/01/2008    | ELLY OF ALLANVILLE 964U        | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1469529   | VWB 111U   | Male   | 25/02/2008    | RAINBOW HILLS TRAVELER 111U    | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1473853   | RF 3U      | Female | 06/01/2008    | FREYBURN KRISTINA 3U           | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1474274   | IMP 6510S  | Male   | 02/10/2006    | SILVEIRAS EL CAPITAN 6510      | 28            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1477246   | IMP 1914P  | Male   | 07/02/2004    | STEVENSON CE DELUXE 1914       | 67            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1478664   | DGHR 17U   | Female | 16/01/2008    | DGHR CRESCENT CREEK LEGACY 17U | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1478665   | DGHR 33U   | Female | 25/01/2008    | DGHR CRESCENT CREEK LEGACY 33U | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1479619   | NHI 73U    | Female | 23/01/2008    | BAR MM EILEEN 73U              | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1480243   | WCG 31U    | Male   | 07/06/2008    | GURNEY FUTURE DIRECTION 31U    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1480401   | IMP 0835S  | Female | 06/02/2006    | SCR DONNAS LASS 60835          | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1480985   | RCC 362U   | Female | 01/06/2008    | REMINGTON BARDAL 362U          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1481360   | IMP 27T    | Male   | 01/01/2007    | ONEILLS ENCORE                 | 42            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1482137   | LOUB 486T  | Female | 06/12/2007    | LOUBER BLACKIE LEGACY 486T     | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1483983   | DGB 14U    | Female | 08/02/2008    | BRIDGEHAVEN NATALIE 14U        | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1484434   | IMP 438P   | Male   | 22/01/2004    | CAR FUTURE DIRECTION 438       | 21            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1485179   | RF 8U      | Female | 10/01/2008    | FREYBURN RALLY MISSIE 8U       | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1485389   | CU 055U    | Female | 01/02/2008    | CU 438 FUTURE 055U OF 6089     | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1485668   | IMP 2579M  | Female | 28/09/2002    | SHADY BROOK ENTENSE 2579       | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1485932   | IMP 1823N  | Female | 18/08/2003    | G A R GRID MAKER 1823          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1485958   | IMP 123N   | Female | 10/08/2003    | G A R YIELD GRADE 123          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1486234   | COAR 3205U | Female | 31/01/2008    | BLACK BAR 5 NOTION 3205U       | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1486273   | EA 41W     | Female | 22/01/2009    | EASY RAY PAULA 41W             | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1486733   | GXX 6W     | Female | 24/01/2009    | MOONMIST 0699 BARBARA MC 6W    | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1487013   | SRR 8W     | Female | 22/01/2009    | DALLAS 8W                      | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1488505   | DGHR 7W    | Female | 10/01/2009    | DGHR LEGACY 5216R 7W           | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1489303   | SBR 10W    | Female | 08/02/2009    | SOUTH BORDER EUGENIE ERICA 910 | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1489319   | SBR 33W    | Female | 15/02/2009    | SOUTH BORDER LADY ANN 933      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1489325   | SBR 44W    | Female | 26/02/2009    | SOUTH BORDER QUEEN RUTH 944    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
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 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
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| Animal ID | Tattoo     | Sex    | Date of Birth | Animal Name                    | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|------------|--------|---------------|--------------------------------|---------------|---------------------------|---------------|---------------|
| 1489331   | SBR 54W    | Male   | 04/03/2009    | SOUTH BORDER HOOSIER 954       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1489824   | VLC 12W    | Female | 18/01/2009    | LODGE ESTON ANNE 12W           | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1489826   | VLC 42W    | Female | 10/02/2009    | LODGE QUEEN MOTHER 42W         | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1489842   | SFR 8W     | Male   | 17/01/2009    | LODGE LEGACY 8W                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1490068   | TMJ 1W     | Female | 02/01/2009    | TAMBRI PRIDE 1W                | 8             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1490075   | TMJ 17W    | Female | 23/01/2009    | TAMBRI MARTHA 17W              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1490844   | SNF 32W    | Female | 13/04/2009    | SNF SWEET PEA SHIANA 32W       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1491248   | LFL 21U    | Male   | 28/10/2008    | STALBURN ULTIMATE 21U          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1491326   | WOS 144W   | Male   | 20/02/2009    | CRESCENT CREEK MAIN EVENT 144W | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1491610   | LLR 4W     | Male   | 12/01/2009    | LLR MR. HI LITE 4W             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1491611   | LLR 5W     | Male   | 14/01/2009    | LLR MR. NEW TREND 5W           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1491614   | LLR 9W     | Female | 12/02/2009    | LLR MISS STOCKMAN 878 9W       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1491615   | LLR 10W    | Male   | 04/03/2009    | LLR MR. FRONTIER 10W           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1491616   | LLR 11W    | Male   | 06/03/2009    | LLR MR. STOCKER 11W            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1494769   | IMP 7758T  | Male   | 04/07/2007    | S A V 004 TRAVELER 7758        | 20            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1496039   | VWB 140W   | Female | 12/03/2009    | BRIDIE OF RAINBOW HILLS 140W   | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1498974   | PLJB 902W  | Male   | 15/01/2009    | PLJB BELL RINGER 902W          | 21            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1499516   | BDS 56W    | Female | 12/02/2009    | SCC TIBBIE 56W                 | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1500526   | HJX 9W     | Female | 02/04/2009    | DEER RIVER DUCHESS 9W          | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1500710   | HJX 318W   | Male   | 20/04/2009    | DEER RIVER 352 DEFENDER 318W   | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1502170   | DF 32W     | Female | 01/03/2009    | MOUNTAIN ASH ROSEBUD LASS 32W  | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1502455   | IMP 81390U | Female | 04/09/2008    | EXAR ERISKAY Q38 81390         | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1507855   | JLLB 167W  | Male   | 04/03/2009    | LLB LEGACY 167W                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1508015   | LLB 279W   | Female | 08/02/2009    | LLB IDOLDEE 279W               | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1508115   | LLB 253W   | Male   | 15/03/2009    | LLB LEGACY 253W                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1510278   | DWR 174W   | Female | 01/02/2009    | COLDSTREAM BLACKBIRD 174W      | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1515866   | SNF 10W    | Male   | 17/05/2009    | SNF ELITE LEXUS BY 5216        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1515868   | NVCC 27W   | Female | 12/06/2009    | MISS LACIE OF NVCC             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1516497   | RT911W     | Female | 07/03/2009    | RED TOP LASSIE 911W            | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1516505   | RT922W     | Female | 21/03/2009    | RED TOP GOLDIE 922W            | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1521477   | HAP 64W    | Female | 13/04/2009    | D C PRIDE 64W                  | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1521513   | HJX 24W    | Female | 04/04/2009    | DEER RIVER IDELETTE 24W        | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1521851   | HJX 314W   | Female | 20/04/2009    | DEER RIVER BARBARA 314W        | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1523377   | KBF 6W     | Female | 10/02/2009    | KEMP BROTHER'S MISS WINSOME 6W | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1523672   | JNI 17W    | Female | 03/02/2009    | BLUEBIRD OF GUMBO GULCH 17W    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1523875   | JNI 11W    | Female | 01/02/2009    | ROSE OF GUMBO GULCH 11W        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1523899   | JNI 4W     | Female | 29/01/2009    | BLACKBIRD OF GUMBO GULCH 4W    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1523949   | JNI 15W    | Female | 03/02/2009    | GEORGINA OF GUMBO GULCH 15W    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1523970   | JNI 12W    | Female | 01/02/2009    | EVERA OF GUMBO GULCH 12W       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1524036   | JNI 38W    | Male   | 08/02/2009    | GUMBO GULCH LEGACY 38W         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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| Animal ID | Tattoo   | Sex    | Date of Birth | Animal Name                    | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|----------|--------|---------------|--------------------------------|---------------|---------------------------|---------------|---------------|
| 1524041   | JNI 104W | Male   | 18/02/2009    | GUMBO GULCH LEGACY 104W        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1524046   | JNI 89W  | Male   | 16/02/2009    | GUMBO GULCH LEGACY 89W         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1524048   | JNI 94W  | Male   | 17/02/2009    | GUMBO GULCH LEGACY 94W         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1524314   | MF 4W    | Female | 31/01/2009    | MFA DELIA 4W                   | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1524317   | MF 3W    | Female | 31/01/2009    | MFA JESTRESS 3W                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1524319   | MF 11W   | Female | 01/02/2009    | MFA PRINCESS 11W               | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1524320   | MF 9W    | Female | 01/02/2009    | MFA JESTRESS 9W                | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1524325   | MF 19W   | Male   | 04/02/2009    | MFA LEGACY 19W                 | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1524326   | MF 16W   | Female | 04/02/2009    | MFA ELBA 16W                   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1524331   | MF 27W   | Female | 06/02/2009    | MFA SUSIE 27W                  | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1524334   | MF 31W   | Female | 07/02/2009    | MFA TIFFANY 31W                | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1524345   | MF 59W   | Male   | 14/02/2009    | MFA LEGACY 59W                 | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1524367   | MF 116W  | Female | 02/03/2009    | MFA RUBY 116W                  | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1524650   | IBA 9W   | Female | 26/02/2009    | IBA MARIAS LOUISE 9W           | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1525317   | NXS 16W  | Female | 20/01/2009    | MARBERLY MAYFLOWER MICHELLE    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1525844   | DKT 2W   | Female | 18/01/2009    | DAKELTA ALLEGRA 2W             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1525845   | DKT 3W   | Female | 30/01/2009    | DAKELTA BLUE LASS 3W           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1526959   | WJD 46W  | Female | 23/02/2009    | WILBAR LUCY 46W                | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1526966   | WJD 89W  | Female | 11/03/2009    | WILBAR LUCY 89W                | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1528346   | RCC 470U | Female | 05/09/2008    | REMINGTON EUGENIE 470U         | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1528409   | TSN 1W   | Female | 01/01/2009    | TSN ERELITE 1W                 | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1529066   | SMB 102W | Male   | 02/01/2009    | 4411 ACE                       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1529363   | CTFA 23W | Male   | 21/02/2009    | CTF EVERA LEGACY 23W           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1529364   | CTFA 59W | Male   | 16/02/2009    | CTF BESSIE LEGACY 59W          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1531948   | JNI 9W   | Female | 31/01/2009    | BLACK BEAUTY OF GUMBO GULCH 9W | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1531951   | JNI 6W   | Female | 31/01/2009    | ERICA OF GUMBO GULCH 6W        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1531952   | JNI 25W  | Female | 05/02/2009    | PRINCESS OF GUMBO GULCH 25W    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1533728   | UGA 2W   | Male   | 01/01/2009    | CUDLOBE DELUXE 2W              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1533736   | UGA 7W   | Female | 05/01/2009    | CUDLOBE BLACKLASS 7W           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1533738   | UGA 18W  | Female | 11/01/2009    | CUDLOBE PRIDE 18W              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1533740   | UGA 20W  | Male   | 11/01/2009    | CUDLOBE DELUXE 20W             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1533743   | UGA 26W  | Male   | 14/01/2009    | CUDLOBE FRANCHISE 26W          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1533746   | UGA 29W  | Female | 15/01/2009    | CUDLOBE ENCHANTRESS 29W        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1533749   | UGA 54W  | Male   | 25/01/2009    | CUDLOBE DELUXE 54W             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1533751   | UGA 61W  | Female | 29/01/2009    | CUDLOBE MISS BURGESS 61W       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1533753   | UGA 69W  | Female | 03/02/2009    | CUDLOBE EXQUISITE LADY 69W     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1533754   | UGA 75W  | Female | 07/02/2009    | CUDLOBE ERELITE 75W            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1533755   | UGA 76W  | Female | 07/02/2009    | CUDLOBE ERELITE 76W            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1533781   | SB 2W    | Female | 18/01/2009    | CUDLOBE EUGENIE 2W             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1533788   | KMB 1W   | Male   | 11/01/2009    | CUDLOBE DELUXE 1W              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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 Date 17/11/2017  
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| Animal ID | Tattoo    | Sex    | Date of Birth | Animal Name                  | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|-----------|--------|---------------|------------------------------|---------------|---------------------------|---------------|---------------|
| 1536727   | RCC 8W    | Female | 04/01/2009    | REMINGTON TIPTOP 8W          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1537237   | RCC 453W  | Female | 08/05/2009    | REMINGTON BARBARA 453W       | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1537296   | RCC 551W  | Female | 27/05/2009    | REMINGTON TIBBIE 551W        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1538484   | TSN 2W    | Male   | 01/01/2009    | TSN LEGACY 2W                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1540213   | MFI 86W   | Female | 12/05/2009    | MFI TROJAN ERICA 9086        | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1546079   | TRV 10X   | Female | 17/01/2010    | TREV BESSIE EMBLAZON 10X     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1547947   | VWB 114X  | Male   | 01/03/2010    | RAINBOW HILLS TRAVELER 114X  | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1548256   | RDOH 33W  | Female | 03/01/2009    | MELVERN CLASSY LADY 33W      | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1557164   | FSF 016X  | Female | 21/01/2010    | FLEMING ESSENCE 016X         | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1557172   | FSF 027X  | Female | 04/02/2010    | FLEMING FLORA 027X           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1557193   | COOP 028X | Female | 07/02/2010    | FLEMING NEW DESIGN 028X      | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1560395   | JNI 3X    | Female | 03/02/2010    | PRINCESS GUMBO GULCH 3X      | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1561827   | BJA 65X   | Female | 30/01/2010    | PARKWOOD ROSEBUD 65X         | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1580660   | TSN 102X  | Female | 14/02/2010    | TSN TIBBIE 102X              | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1583601   | CBM 63X   | Male   | 15/02/2010    | RED LAZY MC REDMAN 63X       | 36            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1593571   | UF 12W    | Female | 07/01/2009    | CUDLOBE BLACKCLASS 12W       | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1593572   | UF 17W    | Female | 09/01/2009    | CUDLOBE BLACKCLASS 17W       | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1600256   | BFL 63X   | Female | 04/02/2010    | BENCHMARK FOREVER LADY 063   | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1600257   | BFL 55X   | Female | 02/02/2010    | BENCHMARK FOREVER LADY 055   | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1600263   | BFL 203X  | Female | 03/09/2010    | BENCHMARK FOREVER LADY 0203  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1600264   | BFL 183X  | Female | 16/08/2010    | BENCHMARK FOREVER LADY 0183  | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1605686   | MDW 42Y   | Female | 25/03/2011    | WIL-DORR 7T YOLANDE 42Y      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1633621   | LOUB 839W | Male   | 26/12/2009    | LOUBER BLACK FOCUS 839W      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1637019   | RDOH 6Y   | Female | 01/01/2011    | MELVERN CLASSY LADY 6Y       | 5             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1662325   | RDOH 104Z | Female | 12/01/2012    | MELVERN CLASSY LADY 104Z     | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1758799   | WJD 4A    | Female | 30/01/2013    | RED WILBAR LANA 4A           | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1758807   | WJD 23A   | Female | 12/02/2013    | RED WILBAR BAYBERRY 23A      | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1763890   | CBM 220A  | Male   | 14/04/2013    | RED LAZY MC TRADESMAN 220A   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1785155   | MDW 24B   | Female | 23/01/2014    | WIL-DORR 7T CURVE 24B        | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1785211   | TRV 11B   | Female | 18/02/2014    | TREV BESSIE 11B              | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1789138   | SRR 81B   | Female | 13/03/2014    | SANDY RIDGE JENNY            | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1794045   | RDOH 1B   | Female | 01/01/2014    | MELVERN CLASSY LADY 1B       | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1814155   | IBA 9B    | Male   | 09/01/2014    | INNES BRAE SPITTING IMAGE 9B | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1814418   | EA 70B    | Male   | 19/01/2014    | EASY RAY ANSWER 70B          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1816176   | RDOH 3B   | Steer  | 01/01/2014    | MELVERN BRAVE 3B             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1819842   | EA 64B    | Male   | 17/01/2014    | EASY RAY PREMIUM 64B         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1821628   | TMJ 28B   | Female | 03/02/2014    | TAMBRI PRIDE 28B             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1824345   | WJD 340B  | Female | 19/02/2014    | RED WILBAR REBECCA 340B      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1824349   | WJD 359B  | Male   | 26/02/2014    | RED WILBAR REDMAN 359B       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1824350   | WJD 386B  | Female | 06/03/2014    | RED WILBAR HANA 386B         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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 Date 17/11/2017  
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| Animal ID | Tattoo    | Sex    | Date of Birth | Animal Name                  | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|-----------|--------|---------------|------------------------------|---------------|---------------------------|---------------|---------------|
| 1824351   | WJD 313B  | Male   | 07/02/2014    | RED WILBAR REDMAN 313B       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1824352   | WJD 319B  | Female | 09/02/2014    | RED WILBAR LANA 319B         | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1824353   | WJD 334B  | Female | 18/02/2014    | RED WILBAR BRNDINA 334B      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1824354   | WJD 335B  | Male   | 18/02/2014    | RED WILBAR REDMAN 335B       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1826919   | LLB 349B  | Male   | 20/03/2014    | LLB FULL FOCUS 349B          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1826920   | BLC 86B   | Male   | 19/04/2014    | BULL'S EYE DENSITY 86B       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1826922   | ECA 97B   | Male   | 05/03/2014    | EDIE CREEK 5Y LEGACY 97B     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1827436   | ZKMH 8B   | Male   | 11/03/2014    | ZKMH 357U BUTLER 8B          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1830860   | WJD 320B  | Male   | 09/02/2014    | RED WILBAR BLUE JACKET 320B  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1834938   | UF 22B    | Female | 10/01/2014    | CUDLOBE BLACKCLASS 22B       | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1835115   | JSG 15B   | Male   | 10/02/2014    | JS POWER ONE 15B             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1839092   | LPA 71B   | Female | 25/03/2014    | LINDON BLACKCAP 71B          | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1840298   | EGF 7B    | Female | 04/04/2014    | ELM VALLEY TROJAN ERICA 7B   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1856908   | RDOH 50C  | Female | 04/01/2015    | MELVERN CLASSY LADY 50C      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1881065   | EA 87C    | Female | 26/01/2015    | EASY RAY LASS 87C            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1894414   | IBA 9C    | Female | 25/01/2015    | INNES BRAE LOUISE 9C         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1894536   | VWB 126C  | Female | 25/03/2015    | RAINBOW HILLS LUCY 126C      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1896892   | UF 36C    | Female | 11/01/2015    | CUDLOBE BLACKCLASS 36C       | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1903060   | RDOH 34D  | Female | 02/01/2016    | MELVERN MS TOUR OF DUTY 34D  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1903061   | RDOH 56D  | Female | 06/01/2016    | MELVERN MS TEN SPEED 56D     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1903062   | RDOH 69D  | Female | 08/01/2016    | MELVERN MS INTERNATIONAL 69D | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1906007   | KBJ 341C  | Male   | 25/01/2015    | KBJ ZEE 341C                 | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1947947   | ECA 21D   | Female | 22/04/2016    | EDIE CREEK 752 TITAN 21D     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1950576   | LPA 9D    | Female | 23/02/2016    | LINDON BLACKCAP 9D           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1953267   | SRR 83D   | Female | 12/03/2016    | SANDY RIDGE LEXI             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1959992   | CLF 19B   | Female | 01/01/2014    | CLOVER LANE BETH             | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1980951   | CGD 8E    | Female | 18/03/2017    | RED K-C JACK'S QUEEN 8E      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1992007   | LELA 4E   | Male   | 07/01/2017    | LEELA RENOWN 4E              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| 1997905   | CLF 58D   | Female | 18/01/2016    | CLOVER LANE EILEEN 58D       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| ?159683   | PLS 1211Z | Female | 01/04/2012    | PREMIER GINGER 1211          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| ?211792   | WJD 19D   | Female | 22/01/2016    | RED WILBAR LANA 19D          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| ?218916   | ECA 134D  | Male   | 10/06/2016    | EDIE CREEK WORTHY MAN 134D   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| AUTMX60   |           | Male   |               | TE MANIA XAMINED X60         | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| AUTMX84   |           | Male   |               | TE MANIA XPO X84             | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| AUVTMX60  |           | Male   | 22/02/2002    | TE MANIA XAMINED X60         | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM267640  | BKLG 37W  | Male   | 23/03/2009    | STRONGLAND EDGAR BKLG 37W    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM270326  | LLR 12W   | Male   | 27/04/2009    | LLR MR. DESIGN MIDLAND 12W   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM270328  | SAV 1W    | Male   | 01/04/2009    | SAV MR. EXT ANGUS 1W         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM270959  | KKG 2X    | Female | 01/01/2010    | KKG 2X                       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM271914  | KN 105W   | Male   | 22/03/2009    | RED DIMLER JACK 105W         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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| Animal ID | Tattoo     | Sex    | Date of Birth | Animal Name                 | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|------------|--------|---------------|-----------------------------|---------------|---------------------------|---------------|---------------|
| CM271915  | KN 320U    | Male   | 02/10/2008    | RED DIMLER JACK 320U        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM271916  | KN 306U    | Male   | 13/09/2008    | RED DIMLER JACK 306U        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM271917  | KN 307U    | Male   | 13/09/2008    | RED DIMLER JACK 307U        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM273289  | COAR 3202W | Female | 05/02/2009    | BAR 5 BLACK NANCY 3202W     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM273316  | YDF 31W    | Male   | 04/02/2009    | YOUNG DALE PATHWAY 31W      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM273348  | RNV 4W     | Female | 26/01/2009    | RNV PRIDE 4W                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM273597  | MJLS 1X    | Female | 01/01/2010    | FRANCISCO'S BLACK GOLD 1X   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM274179  | UGA 32X    | Female | 05/01/2010    |                             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM274181  | UGA 81X    | Steer  | 28/01/2010    | CUDLOBE DELUXE 81X          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM274183  | UGA 86X    | Female | 29/01/2010    | CUDLOBE BLACKCLASS 86X      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM274185  | UGA 75X    | Male   | 27/01/2010    | CUDLOBE DELUXE 75X          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM274463  | UGA 30X    | Male   | 05/01/2010    |                             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM274547  | WRS 6X     | Female | 15/03/2010    |                             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM274579  | TCD 13W    | Female | 21/03/2009    | THUNDER CREEK OAKLEAF 13W   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM274934  | RIW 010X   | Female | 08/03/2010    | NORTH PERTH BARBARA 010     | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM274986  | TCD 9W     | Female | 20/03/2009    | THUNDER CREEK RUBY 9W       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM274987  | TCD 31W    | Female | 25/03/2009    | THUNDER CREEK RUBY 31W      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM275141  | UF 112W    | Male   | 24/02/2009    | CUDLOBE DELUXE 112W         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM275142  | UF 28W     | Female | 13/01/2009    | CUDLOBE DELIA 28W           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM275164  | COM 2W     | Female | 08/04/2009    | COMPLEAT SUSEL 2W           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM275172  | DSL 909W   | Female | 02/01/2009    | BABY BLACK BELL OVER 909W   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM275178  | LLLL 208W  | Male   | 31/03/2009    | LLLL CH LEGACY 208W         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM275450  | DKF 146W   | Female | 28/02/2009    | DKF MISS BLACK DIAMOND 146W | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM275591  | HJX 428W   | Female | 27/04/2009    | DEER RIVER BARBARA 428W     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM275592  | HJX 475W   | Male   | 01/05/2009    | DEER RIVER KAHN 475W        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM275593  | HJX 492W   | Male   | 02/05/2009    | DEER RIVER KAHN 492W        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM275594  | HJX 520W   | Female | 06/05/2009    | DEER RIVER BARBARA 520W     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM275595  | HJX 616W   | Female | 02/06/2009    | DEER RIVER BLACKBIRD 616W   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM275892  | WTM 3X     | Steer  | 04/01/2010    | LOCUST GROVE 3X             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM275993  | PFLC 3W    | Female | 14/01/2009    | PFLC ROSETTA 3W             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM276532  | TMJ 21X    | Female | 09/02/2010    | TAMBRI BO-PEEP 21X          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM277222  | BLDA 60X   | Male   | 01/03/2010    | BORDERLANDS HOOSIER 60X     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM277228  | BLDA 74X   | Female | 21/03/2010    | BORDERLANDS MS HOOSIER 74X  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM277232  | BLDA 4X    | Male   | 21/02/2010    | BORDERLANDS HOOSIER 4X      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM277233  | BLDA 72X   | Female | 18/03/2010    | BORDERLANDS MS HOOSIER 72X  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM277234  | BLDA 66X   | Male   | 28/03/2010    | BORDERLANDS HOOSIER 66X     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM277235  | BLDA 723X  | Male   | 03/03/2010    | BORDERLANDS HOOSIER 723X    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM277236  | BLDA 69X   | Female | 17/02/2010    | BORDERLANDS MS HOOSIER 69X  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM277237  | BLDA 111X  | Female | 02/03/2010    | BORDERLANDS MS HOOSIER 111X | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM277240  | BLDA 65X   | Female | 08/02/2010    | BORDERLANDS MS HOOSIER 65X  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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| Animal ID | Tattoo    | Sex    | Date of Birth | Animal Name                 | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|-----------|--------|---------------|-----------------------------|---------------|---------------------------|---------------|---------------|
| CM277248  | BLDA 640X | Male   | 02/04/2010    | BORDERLANDS HOOSIER 640X    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM277249  | BLDA 648X | Male   | 12/03/2010    | BORDERLANDS HOOSIER 648X    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM277250  | BLDA 75X  | Female | 25/03/2010    | BORDERLANDS MS HOOSIER 75X  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM277255  | EMP 18X   | Male   | 13/01/2010    | EMP LEGENDARY 18X           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM278360  | DRR 8X    | Male   | 16/01/2010    | DRR LEGACY 8X               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM278361  | FGAF 006X | Male   | 23/01/2010    | FGAF EL CAPITAIN 006X       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM278362  | FGAF 016X | Female | 12/02/2010    | FGAF ENCORE 016X            | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM280280  | YDF 26X   | Male   | 04/02/2010    | YOUNG DALE VALUE 26X        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM280281  | YDF 30X   | Female | 07/02/2010    | YOUNG DALE BRIDE 30X        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM280285  | YDF 50X   | Male   | 19/02/2010    | YOUNG DALE APPOLO 50X       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM280297  | YDF 79X   | Female | 13/03/2010    | YOUNG DALE BLACKBIRD 79X    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM280308  | YDF 64X   | Female | 26/03/2010    | YOUNG DALE ERICA 64X        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM281750  | SNF 17W   | Female | 29/07/2009    | SNF MAGGIES MACIE PRIDE 17W | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM281752  | DA 7X     | Male   | 01/03/2010    |                             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM281754  | DA 12X    | Male   | 06/03/2010    |                             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM281755  | DA 1X     | Male   | 16/02/2010    |                             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM281757  | DA 3X     | Male   | 24/02/2010    |                             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM281759  | DA 6X     | Female | 28/02/2010    |                             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM281761  | DA 8X     | Female | 01/03/2010    |                             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM281762  | DA 11X    | Female | 04/03/2010    |                             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM281763  | DA 5X     | Female | 27/02/2010    |                             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM285259  | KWF 4W    | Female | 04/07/2009    | LADY OF DANDY LAWN 4W       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM286569  | ARN 1X    | Female | 02/02/2010    | ARN LEGACY PEG 1X           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM287382  | ABV 63X   | Female | 21/02/2010    | BARRVALLEY ROSE 63X         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM287394  | HLC 4X    | Male   | 10/01/2010    | HAMMELL X-RATED 4X          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM287429  | CIND 93X  | Male   | 14/01/2010    | RED CINDER JACK DANIELS 93X | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM288244  | JDBR 01X  | Female | 20/02/2010    | J.D.R.                      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM288590  | UF 3X     | Female | 01/01/2010    | CUDLOBE ENCHANTRESS UF 3X   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM288591  | UF 55X    | Female | 15/01/2010    | CUDLOBE BELLA 55X           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM288592  | UF 84X    | Male   | 25/01/2010    | CUDLOBE DELUXE 84X          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM288593  | UF 74X    | Male   | 21/01/2010    | CUDLOBE DELUXE 74X          | 11            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM288857  | TSN 13X   | Male   | 13/01/2010    | TSN THOR 13X                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM288890  | LUP 1X    | Female | 14/01/2010    | LOUPEN LAYLA MCHENRY 1X     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM288895  | WMC 29X   | Female | 20/02/2010    | WMC SHAKURA 29X             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM288896  | WMC 30X   | Female | 21/02/2010    | WMC FLORA 30X               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM289440  | FTA 73X   | Female | 05/01/2010    | NORTHERN VIEW RUTH 73X      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM290747  | VWB 47X   | Female | 15/03/2010    | LUCY OF RAINBOW HILLS 47X   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM290749  | VWB 69X   | Female | 06/04/2010    | BRIDIE OF RAINBOW HILLS 69X | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM290750  | HAMI 316X | Female | 16/02/2010    | HF TOPGAL 316X              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM290752  | RSTD 547W | Male   | 15/05/2009    | RINGSTEAD DATELINE 547W     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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| Animal ID | Tattoo    | Sex    | Date of Birth | Animal Name                   | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|-----------|--------|---------------|-------------------------------|---------------|---------------------------|---------------|---------------|
| CM290984  | UF 70X    | Female | 20/01/2010    | CUDLOBE BONNIE 70X            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM291273  | UF 68X    | Male   | 19/01/2010    | CUDLOBE DELUXE 68X            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM291281  | WND 4X    | Female | 17/01/2010    | WINDSWEPT XTREME 4X           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM291291  | UGA 78X   | Male   | 27/01/2010    | CUDLOBE DELUXE 78X            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM291292  | DBRL 104X | Female | 09/03/2010    | DBRL 5U BLACKBIRD 104X        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM291293  | YCE 4X    | Male   | 01/01/2010    | TAFIKA ENCORE 4X              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM291806  | AWH 19X   | Male   | 02/02/2010    | AWH PRECISE 19X               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM292085  | LES 24X   | Male   | 28/01/2010    | STANDARD HILL XHIBITION 24X   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293182  | AUST 3W   | Female | 09/04/2009    | AUST EMPRESS 3W               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293186  | TCM 243W  | Female | 22/12/2009    | HIGHLAND BOSTA BLACKBIRD 243W | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293187  | TCM 10X   | Male   | 06/01/2010    | HIGHLAND CAPITAN 10X          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293188  | TCM 34X   | Male   | 15/01/2010    | HIGHLAND CAPITAN 34X          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293189  | TCM 38X   | Male   | 17/01/2010    | HIGHLAND CAPITAN 38X          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293190  | TCM 53X   | Male   | 23/01/2010    | HIGHLAND CAPITAN 53X          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293191  | BROD 018W | Male   | 08/12/2009    | BRODIC LOOKOUT 018W           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293192  | BEL 6X    | Female | 02/05/2010    | R G JENNY                     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293250  | MAC 149X  | Male   | 10/02/2010    | MACNAB UPTOWN 149X            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293330  | BLC 30X   | Female | 18/04/2010    | BULL'S EYE IDELLETTE 30X      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293331  | GBB 144X  | Male   | 08/02/2010    | BLADES FOCUS 144X             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293332  | TGA 40W   | Male   | 13/01/2009    | TGA KODIAK 40W                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293582  | LS 5X     | Female | 26/01/2010    | VIKEN DESTINY 5X              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293583  | LS 7X     | Female | 29/01/2010    | VIKEN WILMA 7X                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293584  | LS 14X    | Female | 01/02/2010    | VIKEN LEANNE 14X              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293585  | LS 46X    | Female | 14/02/2010    | VIKEN WILMA 46X               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293586  | LS 19X    | Female | 03/02/2010    | VIKEN PENELOPE 19X            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293587  | LS 25X    | Female | 06/02/2010    | VIKEN ANNABELLE 25X           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293588  | LS 9X     | Female | 31/01/2010    | VIKEN PETRA 9X                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293590  | CKM 242X  | Female | 30/05/2010    | SOUTH FORK BARBARA 242X       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293591  | CKM 234X  | Male   | 22/05/2010    | SOUTH FORK KAHN 234X          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293592  | CKM 99X   | Male   | 16/04/2010    | SOUTH FORK KAHN 99X           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293913  | NORS 16X  | Female | 15/01/2010    | NORSEMAN QUEEN 16'10          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM293914  | NORS 23X  | Male   | 18/01/2010    | NORSEMAN ENCORE 23'10         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM294188  | JNI 63X   | Female | 19/02/2010    | MAYFLOWER OF GUMBO GULCH 63X  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM294324  | YCE 87X   | Male   | 17/01/2010    | TAFIKA ENCORE 87X             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM294387  | NORS 36X  | Male   | 24/01/2010    | NORSEMAN ENCORE 36'10         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM294473  | TRIA 557X | Female | 03/01/2010    | TRIARA REMEDY 557X            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM294474  | BRDR 51X  | Female | 18/01/2010    | BORDER BUTTE MISS MARION 51X  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM294475  | BRDR 45X  | Male   | 15/01/2010    | BORDER BUTTE ENCORE 45X       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM294476  | BRDR 94X  | Male   | 13/01/2010    | BORDER BUTTE ENCORE 94X       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM294477  | BRDR 24X  | Female | 09/01/2010    | BORDER BUTTE MARION 24X       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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| Animal ID | Tattoo     | Sex    | Date of Birth | Animal Name               | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|------------|--------|---------------|---------------------------|---------------|---------------------------|---------------|---------------|
| CM294478  | BRDR 99X   | Female | 25/01/2010    | BORDER BUTTE DANIELLE 99X | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM294479  | BRDR 7X    | Female | 21/01/2010    | BORDER BUTTE KARAMA 7X    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM294480  | RHS 330X   | Male   | 17/02/2010    | DOLITTLES LEGACY 330'10   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM294481  | RHS 308X   | Male   | 11/02/2010    | DOLITTLE LEGACY 308'10    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM294483  | CW 4X      | Male   | 01/04/2010    | CLEVELANDS XALVADOR 4X    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM294642  | ESE 19X    | Female | 04/02/2010    | ESE ELBA'S ENCORE 19X     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295159  | PEA 036X   | Male   | 11/04/2010    | PEAKE FORESIGHT 036X      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295222  | ZKMH 10X   | Female | 11/03/2010    | ZKMH 29S LOLA 10X         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295372  | JSG 1X     | Male   | 12/01/2010    | JS GRIDIRON 1             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295373  | JSG 63X    | Male   | 17/03/2010    | JS EXTREME 63             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295374  | JLMB 187X  | Female | 31/01/2010    | JL MIS UNIQUE 0187        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295375  | JLMB 106Y  | Female | 26/01/2011    | JL 1106                   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295376  | JLMB 261Y  | Female | 15/02/2011    |                           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295379  | JSMA 1X    | Female | 16/01/2010    | FOUR MAC 1X               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295380  | JNI 87X    | Male   | 26/02/2010    | GUMBO GULCH OP BAND 87X   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295419  | COAR 3201W | Male   | 19/01/2009    | BAR 5 EXTRA 3201W         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295420  | JDN 41X    | Male   | 26/02/2010    | ARDA BADA BING 41X        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295535  | YDF 94X    | Male   | 22/03/2010    | YOUNG DALE TRAVEL ON 94X  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295537  | DMC 7009T  | Female | 14/03/2007    | F-R FD LASS 7009          | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295770  | AAO 6Y     | Female | 22/02/2011    | AAO ERLINE 6Y             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295774  | AAO 3Y     | Female | 29/01/2011    | AAO ERINNA 3Y             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295868  | SSA 113X   | Male   | 17/02/2010    | SSA ENCORE 113X           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295869  | RJG 168W   | Male   | 30/03/2009    | RED NORDAL AVIATOR 168W   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295870  | KBJ 238X   | Male   | 14/01/2010    | KBJ WATCH TOWER 238X      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295871  | KBJ 363X   | Male   | 15/02/2010    | KBJ BANDIT 363X           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295872  | KBJ 341X   | Female | 19/02/2010    | KBJ RUBY 341X             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295873  | DEER 309X  | Female | 22/05/2010    | DEER RIVER JACKPOT 309X   | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM295874  | DEER 145X  | Male   | 18/04/2010    | DEER RIVER KAHN 145X      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM296137  | CKM 21X    | Female | 06/04/2010    | SOUTH FORK DUCHESS 21X    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM296813  | ZKMH 25Y   | Male   | 04/04/2011    | ZKMH                      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM298400  | CTSA 16W   | Female | 16/03/2009    | CTS 16W                   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM298401  | CTSA 19W   | Female | 21/03/2009    | CTS 19W                   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM298402  | CTSA 3X    | Female | 05/03/2010    | CTS 3X                    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM298406  | DRR 013X   | Female | 25/02/2010    | DRR LEAD KARIN 013X       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM298410  | JDN 247U   | Female | 04/04/2008    | ARDA BLACKCAP 247U        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM298411  | KWF 1X     | Female | 26/06/2010    | PRIDE OF DANDY LAWN 1X    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM298412  | KWF 3X     | Female | 14/06/2010    | KINDNESS OF DANDY LAWN 3X | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM298413  | KWF 4X     | Female | 29/05/2010    | LADY OF DANDY LAWN 4X     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM298708  | SC 48Y     | Steer  | 21/01/2011    | PEAKE PENDLTON 48Y        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM299392  | JBJR 39X   | Male   | 30/04/2010    | GARIBALDI'S LL-PIA 39X    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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| Animal ID | Tattoo     | Sex    | Date of Birth | Animal Name                   | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|------------|--------|---------------|-------------------------------|---------------|---------------------------|---------------|---------------|
| CM299714  | FGAF 111Y  | Male   | 22/01/2011    | FGAF CAPITAN 111Y             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM299718  | SRR 81Y    | Female | 23/02/2011    | SANDY RIDGE ALBERTA           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM299719  | WTM 10Y    | Female | 14/01/2011    | LOCUST GROVE RUBY 10Y         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM300391  | JNI 17Y    | Male   | 12/02/2011    | GUMBO GULCH NUGGET 17Y        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM300408  | JNI 93Y    | Male   | 25/02/2011    | GUMBO GULCH NUGGET 93Y        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM303840  | ECA 160Y   | Male   | 28/03/2011    | EDIE CREEK 712U EMBLAZON 160Y | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM304139  | YXR 18X    | Male   | 16/09/2010    | MOFFAT CREEK ELWAY 18X        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM304287  | DRM 30Y    | Female | 01/02/2011    | DRM JULIET 30Y                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM304300  | SBR 38Y    | Female | 02/03/2011    | SOUTH BORDER QUEEN RUTH 38Y   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM306756  | DYNO 30X   | Male   | 19/04/2010    | DYNO WARRIOR 30X              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM307485  | DEER 329X  | Male   | 03/06/2010    | DEER RIVER KAHN 329X          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM307882  | BDS 46Y    | Male   | 10/02/2011    | SCC BALOO 46Y                 | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM307883  | ADA 6Y     | Female | 09/01/2011    | ADA YUMMY GIRL 8L'11          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM308165  | TRV 4Y     | Female | 02/01/2011    | TREV WILD FIRE BESSIE 4Y      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM308180  | KEB 144Y   | Male   | 14/03/2011    | HALCYON TASTE TEST 144Y       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM308190  | NJ 1Y      | Female | 01/01/2011    | JAMESVIEW LADYBESS 1Y         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM308192  | BX 07Y     | Female | 22/02/2011    | BRAD BLACKCAP 07Y             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM309019  | RCC 822X   | Female | 09/05/2010    | REMINGTON UNIVERSE 822X       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM309020  | RCC 814X   | Female | 08/05/2010    | REMINGTON UNIVERSE 814X       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM309021  | RCC 809X   | Male   | 06/05/2010    | REMINGTON OLD POST 809X       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM309213  | KBJ 341Y   | Male   | 01/02/2011    | KBJ DYNASTY 341Y              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM309547  | RICK 127Y  | Male   | 08/03/2011    | FLEMING NEW DESIGN 127Y       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM309549  | RICK 123Y  | Female | 24/02/2011    | FLEMING NEW DESIGN 123Y       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM309550  | RICK 126Y  | Female | 03/03/2011    | FLEMING DYNA DESIGN 126Y      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM309552  | CBT 120Y   | Female | 03/03/2011    | TR ARK PRIDE 1120Y            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM309770  | TRIA 675Y  | Female | 01/01/2011    | TRIARA REMEDY 675Y            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM309779  | COAR 3205Y | Male   | 01/04/2011    | BLACK BAR 5 SIMON 3205Y       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM309780  | UF 10Y     | Male   | 05/01/2011    | CUDLOBE TOTAL 10Y             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM309929  | EA 50Y     | Female | 10/01/2011    | EASY RAY PAULA 50Y            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM310210  | GGA 4Y     | Female | 30/01/2011    | GGA QUEEN MOTHER 4Y           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM310350  | ABC 36Y    | Male   | 04/02/2011    | ABACUS FERNANDO 36Y           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM310365  | CKM 184Y   | Male   | 27/04/2011    | SOUTH FORK DEFENDER 184Y      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM310375  | VVB 148Y   | Female | 24/03/2011    | BRIDIE OF RAINBOW HILLS 148Y  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM310429  | KBJ 238Y   | Male   | 12/01/2011    | KBJ DYNASTY 238Y              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM311877  | HART 89X   | Male   | 05/09/2010    | WILLABAR DATELINE 89X         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM312403  | VVB 118Y   | Female | 16/02/2011    | LUCY OF RAINBOW HILLS 118Y    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM312546  | XSS 8X     | Female | 15/02/2010    | SUNSETVIEW BLACKWOOD 8X       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM313055  | LES 120Y   | Male   | 05/04/2011    | STANDARD HILL YUCATAN 120Y    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM313056  | LES 31Y    | Female | 31/01/2011    | STANDARD HILL BLACKBIRD 31Y   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM313353  | LLB 349Y   | Male   | 04/04/2011    | LLB OLD POST 349Y             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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| Animal ID | Tattoo    | Sex    | Date of Birth | Animal Name                  | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|-----------|--------|---------------|------------------------------|---------------|---------------------------|---------------|---------------|
| CM313376  | DWR 194Y  | Female | 12/02/2011    | COLDSTREAM BLACKBIRD 194Y    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM313378  | NRPG 101Y | Female | 28/04/2011    | STANFORD DUCHESS 101Y        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM313452  | TCM 32Y   | Female | 14/01/2011    | HIGHLAND BARBARA 32Y         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM313453  | OLEF 314Y | Male   | 12/05/2011    | OLE FAHREN'S BLAZE 314Y      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM313643  | LD 1X     | Female | 02/01/2010    | LD 1X                        | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM313974  | WJD 463Y  | Male   | 19/02/2011    | WILBAR DIRECTIVE 463Y        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM313975  | WJD 489Y  | Male   | 05/03/2011    | WILBAR DIRECTIVE 489Y        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM313976  | WJD 502Y  | Male   | 13/03/2011    | WILBAR DIRECTIVE 502Y        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM313977  | WJD 521Y  | Male   | 26/03/2011    | WILBAR DIRECTIVE 521Y        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM313979  | BBC 117X  | Male   | 06/03/2010    | BLAIRS LEGACY 117X           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM313980  | BBC 114X  | Male   | 28/02/2010    | BLAIRS LEGACY 114X           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM314256  | FGAF 114Y | Female | 24/01/2011    | FGAF ROSEBUD 114Y            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM314858  | LLB 349X  | Male   | 28/03/2010    | LLB GRIDLOCK 349X            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM314860  | GGA 7Z    | Female | 23/01/2012    | GGA QUEEN MOTHER 7Z          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM314981  | DKF 20Y   | Female | 25/01/2011    |                              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM315229  | ZBW 216Y  | Male   | 28/01/2011    | RED COPPERHEAD TRACKER 216Y  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM315234  | JSG 65Y   | Male   | 21/03/2011    | JS PREDESTINE 65             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM315324  | SJM 2Y    | Male   | 18/03/2011    | SEVEN DIAMOND WIDE SPREAD 2Y | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM315861  | SUNS 2Z   | Female | 06/01/2012    | 3 SUNS PIONEER BARBARA 2Z    | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM315862  | NFT 3Z    | Female | 18/01/2012    | LISSON DALE ETIQUETTE 3Z     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM316079  | AAO 3Z    | Female | 26/01/2012    | AAO EDLYN 3Z                 | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM316480  | AEF 109Y  | Male   | 11/02/2011    | ARETE DENSITY 706S 9'11      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM316986  | NXS 13Z   | Female | 26/01/2012    | MARBERLY BLACK VELVET 13Z    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM317044  | WCA 59Y   | Female | 10/04/2011    | WEST COWAN BAR B ERICA 59Y   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM317797  | AEF 115Y  | Male   | 04/03/2011    | ARETE WILD FIRE 809U 15'11   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM317803  | TRV 20Z   | Female | 10/03/2012    | TREV BESSIE 20Z              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM317804  | TRV 11Z   | Female | 28/01/2012    | TREV FREE BESSIE 11Z         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM317944  | DF 10Z    | Male   | 02/02/2012    |                              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM318963  | KBJ 341Z  | Male   | 16/02/2012    | KBJ BALOO 341Z               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM318988  | JLLB 547X | Male   | 24/01/2010    | LLB GRIDLOCK 547X            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM318997  | ESE 10Z   | Female | 16/01/2012    | EF ENVIOUS BLACKBIRD 10Z     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM320156  | LELA 9Z   | Female | 16/01/2012    | LEELA EULIMA 9Z              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM320157  | JNI 33Y   | Female | 16/02/2011    | PRINCESS OF GUMBO GULCH 33Y  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM320158  | AIHO 1Z   | Male   | 13/01/2012    | BEEBEPLAIN ZEUS 1Z           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM320394  | EA 2114Z  | Female | 27/02/2012    | EASY RAY LUCY 2114Z          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM320441  | NHI 2X    | Female | 11/01/2010    | BAR DOUBLE M EILEEN 2X       | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM324380  | RCAT 8Z   | Female | 12/02/2012    | RCAT MAYFLOWER 8Z            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM324382  | DSMR 108Z | Female | 08/01/2012    | DSMR ZARA 108Z               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM324383  | DSMR 119Z | Female | 19/01/2012    | DSMR BLACKCAP 119Z           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM325082  | GRFA 219Y | Female | 19/02/2011    | STREET NOTION 219Y           | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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 Date 17/11/2017  
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| Animal ID | Tattoo    | Sex    | Date of Birth | Animal Name                   | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|-----------|--------|---------------|-------------------------------|---------------|---------------------------|---------------|---------------|
| CM325534  | TXE 12X   | Female | 17/01/2010    | WORTH-A-BIT COREY 12X         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM325786  | XLB 61Z   | Female | 11/02/2012    | XLB MISS STRATEGY 61Z         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM326064  | TSN 29Z   | Female | 08/01/2012    | TSN TIBBIE 29Z                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM326895  | TMJ 21Z   | Female | 01/02/2012    | TAMBRI DELIA 21Z              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM326897  | DLT 12Z   | Female | 01/04/2012    | WHISPERING PINE DLT 12Z       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM327196  | CTFA 81Z  | Female | 19/02/2012    | CTF BELL PREDOMINANT 81Z      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM327554  | GEIS 182Y | Male   | 26/04/2011    | RED GEIS MISSION 182'11       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM327864  | MFG 19Z   | Female | 25/01/2012    | NICNAT UNIQUE EDITION 19Z     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM327870  | RT 103Y   | Female | 05/02/2011    | RED TOP GOLDIE 103Y           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM328530  | YHB 16Z   | Female | 10/02/2012    | BAR-E-L ELITE 16Z             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM328532  | BLC 15Z   | Male   | 31/03/2012    | BULL'S EYE IN FOCUS 15Z       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM328533  | VWB 7Z    | Female | 22/03/2012    | LUCY OF RAINBOW HILLS 7Z      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM329089  | ZGO 145Z  | Male   | 28/02/2012    | ALLIANCE 145Z                 | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM330457  | ZKMH 18Z  | Female | 20/03/2012    | ZKMH 8X ESTER 18Z             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM330458  | ZKMH 7Z   | Female | 05/03/2012    | ZKMH 69X WENDY 7Z             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM330459  | ZKMH 8Z   | Female | 06/03/2012    | ZKMH 357U WHITNEY 8Z          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM330649  | KN 19X    | Female | 01/02/2010    | RED DIMLER WINTER 19X         | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM330650  | KN 57X    | Female | 20/02/2010    | RED DIMLER KITTY 57X          | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM330696  | DEER 26X  | Female | 07/04/2010    | DEER RIVER IDELETTE 26X       | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM330986  | JSG 264Z  | Female | 05/05/2012    | JS ABIGALE 264                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM331448  | LOUB 236Y | Male   | 21/12/2011    | MR LOUBER COACH 236Y          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM331449  | RLS 33Z   | Male   | 22/04/2012    | RAFTER LAZY S MAGIC MIKEY 33Z | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM331800  | NHI 194Z  | Male   | 10/02/2012    | BAR DOUBLE M NEUTRON 194Z     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM332443  | SSA 179Z  | Male   | 26/02/2012    | SSA 92U FREEDOM 179Z          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM332685  | LHD 41Z   | Male   | 10/04/2012    | AUTUMN DEW FOREFATHER 41Z     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM332884  | RON 5A    | Steer  | 08/01/2013    |                               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM332885  | SJM 6Z    | Female | 27/04/2012    | SEVEN DIAMOND TIPTOP          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM332886  | SJM 5Z    | Female | 07/04/2012    | SEVEN DIAMOND TIPTOP 5Z       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM333193  | SJM 1Z    | Female | 15/03/2012    | SEVEN DIAMOND LUCY            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM333194  | GGA 3A    | Female | 04/01/2013    | GGA QUEEN MOTHER 3A           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM334726  | DIF 59Z   | Male   | 09/04/2012    | DIF ADVANTAGE 59Z             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM334941  | RLS 14A   | Male   | 21/03/2013    |                               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM334942  | MY 111Y   | Female | 01/04/2011    | MYJOCO DC ALPHA 111Y          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM335472  | LM 9A     | Male   | 27/01/2013    | RISING SUN BND LUKE 9A        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM337359  | SRR 81A   | Male   | 01/03/2013    | SANDY RIDGE ROCKY ROAD        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM342629  | NEU 86A   | Male   | 03/01/2013    | CRANBERRY CREEK 107 MD 86A    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM342775  | DSMR 215A | Female | 15/02/2013    | DSMR ZARA 215A                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM342776  | SSSI 16X  | Male   | 21/08/2010    | SUNNYSIDE X-RAY               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM342781  | DGB 3A    | Female | 02/01/2013    | BRIDGEHAVEN MARASCHINO 3A     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM343324  | BFL 137A  | Male   | 14/03/2013    | BENCHMARK DAYBREAK 137'13     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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| Animal ID | Tattoo    | Sex    | Date of Birth | Animal Name                    | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-----------|-----------|--------|---------------|--------------------------------|---------------|---------------------------|---------------|---------------|
| CM345103  | EA 8X     | Female | 03/01/2010    | EASY RAY PAULA 8X              | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM345347  | UF 58A    | Male   | 24/01/2013    | CUDLOBE UPWARD 58A             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM345920  | RBB 13A   | Female | 10/03/2013    | HAWTHORNE ENCHANTRESS          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM346386  | RBB 126Y  | Female | 05/02/2011    | HAWTHORNE ENCHANTRESS 126Y     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM346517  | NBC 1A    | Female | 16/02/2013    | NBCC TIBBIE 1A                 | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM347807  | KEH 1A    | Male   | 14/02/2013    | STONEHEDGE FUTURE EMULOUS 1A   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM347808  | LLB 349A  | Male   | 23/04/2013    | LLB PRESTIGE 349A              | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM347817  | KBJ 341A  | Male   | 07/01/2013    | KBJ DYNASTY 341A               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM347818  | AFA 406X  | Female | 20/02/2010    | JUSTAMERE 186T BETTY 406X      | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM348668  | ZKMH 21A  | Female | 12/03/2013    | ZKMH 357U APRIL 21A            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM348914  | BJA 65A   | Female | 24/01/2013    | PARKWOOD ROSEBUD 65A           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM348915  | ECA 59A   | Male   | 22/02/2013    | EDIE CREEK LEGACY 59A          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM349122  | DEER 122A | Female | 18/04/2013    | DEER RIVER IDELETTE 122A       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM349290  | ABC 39A   | Female | 27/01/2013    | ABACUS SWAN 39A                | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM349291  | BLC 83A   | Male   | 23/04/2013    | BULL'S EYE RITO 83A            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM349294  | KEH 2A    | Female | 06/03/2013    | STONEHEDGE MISS M BLACKBIRD 2A | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM350383  | HART 14Z  | Female | 11/03/2012    | WILLABAR COUNTESS 14Z          | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM350384  | HART 7Z   | Female | 04/03/2012    | WILLABAR COUNTESS 7Z           | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM351327  | CHSF 27A  | Female | 12/03/2013    | CEDARHILL ATTITUDE 27A         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM351767  | NHI 74A   | Female | 31/01/2013    | BAR DOUBLE M ELLIE 74A         | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM353373  | GFA 42W   | Female | 14/02/2009    | GF MERCEDES 42W                | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM356878  | ECA 67Z   | Female | 02/03/2012    | EDIE CREEK CAROLINE 67Z        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM358672  | KBF 76A   | Female | 15/04/2013    | KEMP BROTHERS WINSOME 76A      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM363256  | GFA 942B  | Female | 15/04/2014    | GF MERCEDES 942B               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM366394  | NBC 6B    | Female | 20/02/2014    | NBCC TIBBIE 6B                 | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM367900  | TCD 69W   | Female | 03/04/2009    | THUNDER CREEK LUCY 69W         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM370170  | RIW 415B  | Female | 12/01/2014    | NORTH PERTH ROSEBUD 415        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM370280  | CSG 025Z  | Female | 14/02/2012    | BREED CREEK M'BROOK LASS 2025  | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM372335  | JCG 6B    | Female | 21/04/2014    | DONAVA QUEEN OF HEARTS 6B      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM374412  | EA 98Y    | Female | 25/12/2011    | EASY RAY PAULA 98Y             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM378823  | PFLC 8X   | Female | 12/01/2010    | PFLC FOREVER LADY 8X           | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM379198  | JDN 83B   | Female | 12/03/2014    | ARDA LADY 83B                  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM381845  | HAP 78C   | Male   | 24/04/2015    | DIAMOND CHAPTER OBJECTIVE 78C  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM382517  | EA 91A    | Female | 20/02/2013    | EASY RAY PAULA 91A             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM383632  | JCG 5C    | Female | 19/04/2015    | DONAVA QUEEN OF HEARTS 5C      | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM384053  | UF 84C    | Male   | 23/01/2015    | CUDLOBE NEW DESIGN 84C         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM385432  | LPA 3C    | Female | 15/02/2015    | LINDON BLACKCAP 3C             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM385433  | LPA 62C   | Female | 28/03/2015    | LINDON BLACKCAP 62C            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM386288  | RICK 130Y | Male   | 10/03/2011    | FLEMING NEW DESIGN 130Y        | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM386696  | DEER 276C | Male   | 05/05/2015    | DEER RIVER 309 JUNEAU 276C     | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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| Animal ID  | Tattoo    | Sex    | Date of Birth | Animal Name                    | Progeny Count | Defect Type               | Defect Result | Defect Source |
|------------|-----------|--------|---------------|--------------------------------|---------------|---------------------------|---------------|---------------|
| CM386703   | BFER 6A   | Female | 16/04/2013    | SKYWARD APRIL MIST 6A          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM386805   | BLC 8C    | Male   | 30/03/2015    | BULL'S EYE ABSOLUTE 8C         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM389847   | ESE 20X   | Female | 05/02/2010    | ESE PRIMROSE 20X               | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM391328   | EA 39Z    | Male   | 10/01/2012    | EASY RAY ANSWER 39Z            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM391331   | EA 27A    | Male   | 06/01/2013    | EASY RAY ANSWER 27A            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM391333   | EA 4A     | Male   | 01/01/2013    | EASY RAY ANSWER 4A             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM391334   | EA 85A    | Male   | 11/02/2013    | EASY RAY ANSWER 85A            | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM391336   | EA 21C    | Female | 10/01/2015    | EASY RAY PAULA 21C             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM392597   | ZGO 35X   | Male   | 24/02/2010    | FREYBURN PIONEER 35X           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM393602   | SGGC 18A  | Female | 28/03/2013    | DYNAMITE MISS AWESOME LUCY 18A | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM399628   | RDOH 108D | Male   | 16/01/2016    | MELVERN HARVESTOR 108D         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM401629   | EA 144D   | Male   | 02/02/2016    | EASY RAY FINALIZE 144D         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM401630   | EA 20D    | Male   | 07/01/2016    | EASY RAY BISMARK 20D           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM403720   | NHI 264Y  | Female | 01/04/2011    | BAR DOUBLE M ELLIE 264Y        | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM406986   | TRV 19D   | Female | 08/03/2016    | TREV TOUCH OF BESSIE 19D       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM407409   | LM 38D    | Female | 01/03/2016    | RISING SUN BART LADY 38D       | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM409902   | ECA 111C  | Male   | 27/05/2015    | EDIE CREEK ZORRO 111C          | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM410959   | AIHO 1B   | Female | 15/01/2014    | BEEBEPLAIN BABY GOT BACK 1B    | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM420505   | EA 80E    | Female | 15/01/2017    | EASY RAY PAULA 80E             | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM420506   | EA 102E   | Male   | 25/01/2017    | EASY RAY ANSWER 102E           | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| CM424141   | CGD 29E   | Male   | 11/03/2017    | RED K-C THEY CALL ME JACK 29E  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| RA981838   |           | Male   |               | RED 5L DIRECTION 612-5614      | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| RA1048135  |           | Male   |               | RED 5L DIRECT TRAVLR 363-6325  | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| RA1051953  |           | Female |               | RED BASIN LAURA 5301           | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US12527924 |           | Male   |               | WHITESTONE PRECISION H141      | 6             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US12614012 |           | Female |               | CHAMPION HILL LADY 391         | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US12716497 |           | Female |               | G A R PRECISION 706            | 7             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US12771218 |           | Female |               | RODENS D F ANNIE 7035          | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US13305313 |           | Female |               | CHAMPION HILL BLOSSOM 1611     | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US13397145 |           | Female |               | G A R PRECISION 819            | 3             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US13397310 |           | Female |               | G A R PRECISION 1639           | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US13397367 |           | Female |               | G A R PRECISION 2089           | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US13674366 |           | Female |               | S A ERICA 10                   | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US13676352 |           | Female |               | CIRCLE G ENTENSE 0867          | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US13724092 |           | Female |               | G A R PRECISION 810            | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US13724155 |           | Female |               | G A R PRECISION 1660           | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US13735886 |           | Female |               | TWIN VALLEY BLACKCLASS 5030    | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US13806969 |           | Female |               | W C C PRIMROSE J237            | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14044949 |           | Male   |               | PRECISION G 154                | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14100876 |           | Female |               | RIVERBEND BLACKBIRD 2204       | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |

## Animal Genetic Defect Report

System ID ilr2\_cang  
 Job 758050  
 Report ID AN\_HERD\_GENETIC\_DEFECT\_RPT

Selection: Defect Type is Neuropathic Hydrocephalus and Result is Carrier  
 Animal ID (Numeric Idents)

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| Animal ID   | Tattoo | Sex    | Date of Birth | Animal Name                   | Progeny Count | Defect Type               | Defect Result | Defect Source |
|-------------|--------|--------|---------------|-------------------------------|---------------|---------------------------|---------------|---------------|
| US14125582  |        | Female |               | W C C MISS ROWENA M57         | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14222425  |        | Female |               | G A R PRECISION 2042          | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14222612  |        | Male   |               | G A R INTEGRITY               | 17            | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14270867  |        | Female |               | TC ERICA EILEEN 2047          | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14368395  |        | Male   |               | STEVENSON AMERICAN IDOL 9273  | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14389608  |        | Female |               | V A R BLACKCAP N06            | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14401002  |        | Male   |               | BASIN FUTURE DIRECTION N905   | 4             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14502942  |        | Female |               | L T ASHLEY 3087               | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14506169  |        | Female |               | G A R 1407 NEW DESIGN 803     | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14506226  |        | Female |               | G A R 1407 NEW DESIGN 2413    | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14508824  |        | Female |               | EXAR LADY BLANCHE 372         | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14514185  |        | Female |               | RIVERBEND RITA 3723           | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14570173  |        | Male   |               | SCR NEW FRONTIER 095-133      | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14621054  |        | Female |               | BALDRIDGE EVERELDAENTENSEN708 | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14630766  |        | Male   |               | WHITESTONE TIGER T159         | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14663267  |        | Male   |               | SYDGEN ITASCA 4083            | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14664429  |        | Female |               | TOEBBEN RITA 3151             | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14666526  |        | Female |               | C Q S MISS CHEYENNE 606A      | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14686155  |        | Male   |               | BASIN UP THE LIMIT            | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14693095  |        | Male   |               | DAJS THE MATRIX 008           | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14727633  |        | Female |               | BASIN RUBY 8454               | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14737527  |        | Female |               | CHAMPION HILL BLOSSOM 3803    | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14739309  |        | Female |               | S A V BLACKBIRD 4347          | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14790525  |        | Female |               | G A R 1407 NEW DESIGN 2674    | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US14973975  |        | Male   |               | BASIN OPPORTUNITY             | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US15018585  |        | Female |               | W C C PRIMROSE R15            | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US15074626  |        | Female |               | CCC MS DIRECTION 5118         | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US15150754  |        | Male   |               | CONNEALY MR CONANGA           | 2             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US15150757  |        | Male   |               | CONNEALY BLACK BARON OF SCAR  | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US15251875  |        | Female |               | ONEILLS FOREVER ERALINE 18    | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US15464360  |        | Female |               | RIVERBEND BLACKCAP S762       | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US15694053  |        | Male   |               | BASIN FUTURE DIRECTION T064   | 0             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US15768485  |        | Female |               | CCC IN FOCUS 7019             | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| US16104337  |        | Female |               | BASIN EILEENMERE LASS 23T4    | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |
| AUS0NAQW109 |        | Male   |               | ARDROSSAN DIRECTION W109      | 1             | Neuropathic Hydrocephalus | Carrier       | Tested        |

Report Total: 835 Animals

5,986 Progeny