

## SHEEP GENETIC MARKER TEST REPORT

<p><b>Provided Information:</b></p> <p><b>Name:</b> VSR VA00111-0042 BISCUIT</p> <p><b>Registration:</b> 1373 F</p>	<p><b>Case:</b> VBS251</p> <p><b>Date Received:</b> 14-Sep-2020</p> <p><b>Report Issue Date:</b> 20-Feb-2024</p> <p><b>Report ID:</b> 5408-4988-4189-0035</p> <p><b>Reissue of:</b> 3806-4562-2228-4095</p> <p style="text-align: right; font-size: small;">Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a></p>
<p><i>DOB:</i> 02/23/2017 <i>Sex:</i> Female <i>Breed:</i> Scottish Blackface</p>	

### RESULTS AND INTERPRETATION

Permanent Record.

### GENETIC MARKERS

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
<i>CSRD247</i>	231/233	<i>D5S2</i>	193	<i>HSC</i>	263
<i>INRA005</i>	134	<i>INRA023</i>	196/218	<i>INRA063</i>	183/201
<i>MAF214</i>	193	<i>MAF65</i>	127/131	<i>McM527</i>	166
<i>OarAE129</i>	150	<i>OarCP49</i>	86/106	<i>OarFCB11</i>	136/138
<i>OarFCB20</i>	94	<i>OarFCB304</i>	164/177	<i>SPS113</i>	138

## SHEEP GENETIC MARKER TEST REPORT

<p><b>Provided Information:</b></p> <p><b>Name:</b> VSR VA00111-0050 GRAVY</p> <p><b>Registration:</b> 1375 F</p>	<p><b>Case:</b> <b>VBS252</b></p> <p><b>Date Received:</b> 14-Sep-2020</p> <p><b>Report Issue Date:</b> 20-Feb-2024</p> <p><b>Report ID:</b> 0063-7529-4812-7144</p> <p><b>Reissue of:</b> 8449-2181-4282-1064</p> <p style="text-align: center; font-size: small;">Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a></p>
<p><b>DOB:</b> 02/23/2017 <b>Sex:</b> Female <b>Breed:</b> Scottish Blackface</p>	

### RESULTS AND INTERPRETATION

Permanent Record.

### GENETIC MARKERS

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
<i>CSRD247</i>	231/233	<i>D5S2</i>	189	<i>HSC</i>	263/269
<i>INRA005</i>	134	<i>INRA023</i>	196/214	<i>INRA063</i>	189/201
<i>MAF214</i>	193	<i>MAF65</i>	127/131	<i>McM527</i>	166/170
<i>OarAE129</i>	148/150	<i>OarCP49</i>	86/98	<i>OarFCB11</i>	136/138
<i>OarFCB20</i>	94/98	<i>OarFCB304</i>	164/171	<i>SPS113</i>	138

## SHEEP PARENTAGE AND GENETIC MARKER TEST REPORT

<p><i>Provided Information:</i></p> <p><b>Name:</b> VSR IN06116-2208 JULIE</p> <p><b>Registration:</b> 2648 F2</p>	<p><b>Case:</b> <b>VIS249</b></p> <p><i>Date Received:</i> 13-Feb-2023</p> <p><i>Report Issue Date:</i> 20-Feb-2024</p> <p><i>Report ID:</i> 3273-4143-0199-8113</p> <p><i>Reissue of:</i> 3001-4228-1090-8153</p> <p style="text-align: right; font-size: small;">Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a></p>
<p><i>DOB:</i> 05/09/2022 <i>Sex:</i> Female <i>Breed:</i> Valais Blacknose</p>	
<p><i>Sire:</i> HEARTLAND ARAGORN</p> <p><i>Reg:</i> NZ11</p> <p><i>Microchip:</i></p>	<p><i>Dam:</i> VSR HERSHEY'S KISS F1</p> <p><i>Reg:</i></p> <p><i>Microchip:</i> 956000009976594</p>

### RESULTS AND INTERPRETATION

VSR IN06116-2208 Julie 2648 F2 qualifies as an offspring of VSR Hershey's Kiss F1 and Heartland Aragorn NZ11.

### GENETIC MARKERS

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
<i>CSRD247</i>	213/233	<i>D5S2</i>	189/193	<i>HSC</i>	269/273
<i>INRA005</i>	130/144	<i>INRA023</i>	202/216	<i>INRA063</i>	175
<i>MAF214</i>	193	<i>MAF65</i>	131/137	<i>McM527</i>	166
<i>OarAE129</i>	138	<i>OarCP49</i>	96/114	<i>OarFCB11</i>	124
<i>OarFCB20</i>	94/96	<i>OarFCB304</i>	171/175	<i>SPS113</i>	138/150

## SHEEP PARENTAGE AND GENETIC MARKER TEST REPORT

<b>Provided Information:</b>		<b>Case:</b> <b>VIS245</b>
<i>Name:</i> <b>VSR IN06116-2209 JULINA</b>		<i>Date Received:</i> 13-Feb-2023
<i>Registration:</i> <b>2646 F2</b>		<i>Report Issue Date:</i> 20-Feb-2024
		<i>Report ID:</i> 1299-3161-7876-6055
		<i>Reissue of:</i> 3703-1011-8762-1175
		<small>Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a></small>
<b>DOB: 05/09/2022 Sex: Female Breed: Valais Blacknose</b>		
<i>Sire:</i> HEARTLAND ARAGORN		<i>Dam:</i> VSR HERSHEY'S KISS F1
<i>Reg:</i> NZ11		<i>Reg:</i>
<i>Microchip:</i>		<i>Microchip:</i> 956000009976594

### RESULTS AND INTERPRETATION

VSR IN06116-2209 Julina 2646 F2 qualifies as an offspring of VSR Hershey's Kiss F1 and Heartland Aragorn NZ11.

### GENETIC MARKERS

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
<i>CSRD247</i>	229/233	<i>D5S2</i>	189/193	<i>HSC</i>	273
<i>INRA005</i>	130/148	<i>INRA023</i>	202/218	<i>INRA063</i>	175
<i>MAF214</i>	193	<i>MAF65</i>	127/137	<i>McM527</i>	166/170
<i>OarAE129</i>	148/0	<i>OarCP49</i>	104/114	<i>OarFCB11</i>	124
<i>OarFCB20</i>	96/106	<i>OarFCB304</i>	175	<i>SPS113</i>	150

## SHEEP PARENTAGE AND GENETIC MARKER TEST REPORT

<p><b>Provided Information:</b></p> <p><b>Name:</b> VSR IN06116-2211 JESS</p> <p><b>Registration:</b> 2641 F3</p>	<p><b>Case:</b> <b>VIS250</b></p> <p><b>Date Received:</b> 13-Feb-2023</p> <p><b>Report Issue Date:</b> 20-Feb-2024</p> <p><b>Report ID:</b> 3829-7658-7039-3071</p> <p><b>Reissue of:</b> 7455-0747-2768-4195</p> <p style="text-align: center; font-size: small;">Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a></p>
<p><i>DOB:</i> 05/13/2022 <i>Sex:</i> Female <i>Breed:</i> Valais Blacknose</p>	
<p><i>Sire:</i> HEARTLAND ARAGORN</p> <p><i>Reg:</i> NZ11</p> <p><i>Microchip:</i></p>	<p><i>Dam:</i> VSR INGELA F2</p> <p><i>Reg:</i></p> <p><i>Microchip:</i></p>

### RESULTS AND INTERPRETATION

VSR IN06116-2211 Jess 2641 F3 qualifies as an offspring of VSR Ingela F2 and Heartland Aragorn NZ11. Among the 2 females given to compare (SE9806, SE9804), only VSR Ingela F2 qualifies as a possible dam.

### GENETIC MARKERS

LOCUS	TYPE	LOCUS	TYPE	LOCUS	TYPE
CSRD247	213/225	D5S2	189/199	HSC	269/273
INRA005	130	INRA023	196/202	INRA063	175
MAF214	193	MAF65	131	McM527	166
OarAE129	0	OarCP49	96	OarFCB11	138
OarFCB20	106/116	OarFCB304	171/175	SPS113	138/150