

Report #2019-5-0131 (January 31, 2019)

IMGT Nomenclature Committee (IMGT-NC)

Submission: by Aleksei Krasnov and Pierre Boudinot.

Final results from IMGT-NC expert analysis: January 28, 2019.

64 sequences *Salmo salar* IGHV with 2 accession numbers NC_027305.1 and NC_027302.1.

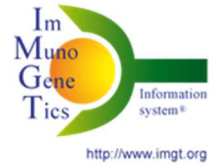
Concern 64 different genes (30 IGHV on NC_027305.1 (Salsal ssa06) and 34 on NC_027302.1 (Salsal ssa03)).

Correspond to 64 alleles *01 (50) or *02 (14) ('NEW').

IMGT gene name	Submitted sequence header	GenBank /ENA/DDBJ accession number	IMGT-NC conclusions		
			IMGT allele name	IMGT allele functionality*	IMGT comments
<i>Salmo salar</i> IGHV1-21	AV05 20772237..20772529 complement	NC_027305.1	IGHV1-21*01	F	NEW
<i>Salmo salar</i> IGHV16D-23	BV30 79285652..79285938	NC_027302.1	IGHV16D-23*01	F	NEW
<i>Salmo salar</i> IGHV1D-25	BV29 79242119..79242408	NC_027302.1	IGHV1D-25*02	F	NEW
<i>Salmo salar</i> IGHV1-34	AV07 20820408..20820700 complement	NC_027305.1	IGHV1-34*02	ORF	NEW
<i>Salmo salar</i> IGHV1D-34	BV27 79224204..79224499	NC_027302.1	IGHV1D-34*01	F	NEW
<i>Salmo salar</i> IGHV1-40	AV10P 20839215..20839501 complement	NC_027305.1	IGHV1-40*01	P	NEW
<i>Salmo salar</i> IGHV1D-49	BV36 79364965..79365187	NC_027302.1	IGHV1D-49*01	P	NEW
<i>Salmo salar</i> IGHV1D-69 or IGHV1D-108	BV09 78496012..78496301	NC_027302.1	IGHV1D-69*01 or IGHV1D-108*01	F	NEW
<i>Salmo salar</i> IGHV1D-74 or IGHV1D-114	BV07P 78488193..78488471	NC_027302.1	IGHV1D-74*01 or IGHV1D-114*01	P	NEW
<i>Salmo salar</i> IGHV1D-97	BV15 78925142..78925437	NC_027302.1	IGHV1D-97*01	F	NEW

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<i>Salmo salar</i> IGHV1-100	AV18 20941371..20941076	NC_027305.1	IGHV1-100*01	F	NEW
<i>Salmo salar</i> IGHV1-104	AV22 20957134..20957426 complement	NC_027305.1	IGHV1-104*01	P	NEW
<i>Salmo salar</i> IGHV1-117	AV29 21052438..21052149	NC_027305.1	IGHV1-117*01	F	NEW
<i>Salmo salar</i> IGHV1-122	AV31P 21075885..21075596	NC_027305.1	IGHV1-122*01	P	NEW
<i>Salmo salar</i> IGHV1D-128	BV21 79000609..79000898	NC_027302.1	IGHV1D-128*01	F	NEW
<i>Salmo salar</i> IGHV1D-132	BV19 78962396..78962688	NC_027302.1	IGHV1D-132*02	P	NEW
<i>Salmo salar</i> IGHV1D-136	BV18 78950075..78950365	NC_027302.1	IGHV1D-136*01	F	NEW
<i>Salmo salar</i> IGHV2D-12	BV34 79331159..79331451	NC_027302.1	IGHV2D-12*02	P	NEW
<i>Salmo salar</i> IGHV2D-30	BV28 79232854..79233149	NC_027302.1	IGHV2D-30*01	F	NEW
<i>Salmo salar</i> IGHV2D-39	BV25 79209002..79209297	NC_027302.1	IGHV2D-39*01	F	NEW
<i>Salmo salar</i> IGHV2-60	AV15 20913842..20913549	NC_027305.1	IGHV2-60*01	F	NEW
<i>Salmo salar</i> IGHV3-111	AV27 21043137..21042842	NC_027305.1	IGHV3-111*02	F	NEW
<i>Salmo salar</i> IGHV4D-51	BV38 79370723..79370470 complement	NC_027302.1	IGHV4D-51*01	F	NEW
<i>Salmo salar</i> IGHV4D-66 or IGHV4D-106	BV10 78500073..78500359	NC_027302.1	IGHV4D-66*01 or IGHV4D-106*01	F	NEW
<i>Salmo salar</i> IGHV4-97	AV17 20937965..20937664	NC_027305.1	IGHV4-97*01	F	NEW
<i>Salmo salar</i> IGHV5-16	AV04 20733479..20733774 complement	NC_027305.1	IGHV5-16*02	ORF	NEW
<i>Salmo salar</i> IGHV5D-131	BV40 78964073..78964352	NC_027302.1	IGHV5D-131*01	P	NEW
<i>Salmo salar</i> IGHV6D-16	BV33 79304465..79304754	NC_027302.1	IGHV6D-16*01	F	NEW
<i>Salmo salar</i> IGHV6D-18	BV32 79302558..79302841	NC_027302.1	IGHV6D-18*01	F	NEW
<i>Salmo salar</i> IGHV6D-20	BV31P 79299830..79300076	NC_027302.1	IGHV6D-20*01	P	NEW
<i>Salmo salar</i> IGHV6-38	CV06DP	NC_027305.1	IGHV6-38*02	P	NEW

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	20835051..20835332 complement				
<i>Salmo salar</i> IGHV6D-95	BV16 78927394..78927680	NC_027302.1	IGHV6D-95*01	F	NEW
<i>Salmo salar</i> IGHV6-101	AV19P 20943941..20943665	NC_027305.1	IGHV6-101*01	P	NEW
<i>Salmo salar</i> IGHV6-114	AV28P 21048206..21047920	NC_027305.1	IGHV6-114*01	P	NEW
<i>Salmo salar</i> IGHV6-119	AV30 21064946..21064657	NC_027305.1	IGHV6-119*02	F	NEW
<i>Salmo salar</i> IGHV6D-137	BV17 78942680..78942966	NC_027302.1	IGHV6D-137*01	F	NEW
<i>Salmo salar</i> IGHV7-3	AV01 20658295..20658602 complement	NC_027305.1	IGHV7-3*01	P	NEW
<i>Salmo salar</i> IGHV7-95	AV16 20932803..20932514	NC_027305.1	IGHV7-95*01	F	NEW
<i>Salmo salar</i> IGHV8-24	AV06 20781849..20782144 complement	NC_027305.1	IGHV8-24*02	F	NEW
<i>Salmo salar</i> IGHV8-37	AV08 20828200..20828495 complement	NC_027305.1	IGHV8-37*01	F	NEW
<i>Salmo salar</i> IGHV8D-48	BV35 79361440..79361148	NC_027302.1	IGHV8D-48*01	F	NEW
<i>Salmo salar</i> IGHV8-58	AV14 20909619..20909911 complement	NC_027305.1	IGHV8-58*02	F	NEW
<i>Salmo salar</i> IGHV8D-83	BV05 77858764..77858473 complement	NC_027302.1	IGHV8D-83*01	F	NEW
<i>Salmo salar</i> IGHV8-103	AV20 20948860..20949155 complement	NC_027305.1	IGHV8-103*02	F	NEW
<i>Salmo salar</i> IGHV8-105	AV23 20963027..20962740	NC_027305.1	IGHV8-105*01	F	NEW
<i>Salmo salar</i> IGHV8-110	AV26 21033313..21033021	NC_027305.1	IGHV8-110*02	ORF	NEW
<i>Salmo salar</i> IGHV9-11	AV02P 20704969..20704681	NC_027305.1	IGHV9-11*01	P	NEW
<i>Salmo salar</i> IGHV9D-45	BV23 79139514..79139815	NC_027302.1	IGHV9D-45*01	F	NEW
<i>Salmo salar</i> IGHV9D-53	BV39P 79373607..79373320 complement	NC_027302.1	IGHV9D-53*01	P	NEW

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<i>Salmo salar</i> IGHV10D-36	BV41 79220383..79220666	NC_027302.1	IGHV10D-36*01	P	NEW
<i>Salmo salar</i> IGHV11-39	CV05 20837784..20838010 Complement, partial 5'	NC_027305.1	IGHV11-39*01	P	NEW
<i>Salmo salar</i> IGHV10D-56	BV12 78545875..78546167	NC_027302.1	IGHV10D-56*01	ORF	NEW
<i>Salmo salar</i> IGHV10D-72 or IGHV10D-112	BV08 78489950..78490227	NC_027302.1	IGHV10D-72*01 or IGHV10D-112*01	P	NEW
<i>Salmo salar</i> IGHV10-109	AV36 21027956..21028240	NC_027305.1	IGHV10-109*01	P	NEW
<i>Salmo salar</i> IGHV11-113	AV37 21046900..21046638	NC_027305.1	IGHV11-113*01	F	NEW
<i>Salmo salar</i> IGHV11-123	AV32 21084238..21083953	NC_027305.1	IGHV11-123*02	P	NEW
<i>Salmo salar</i> IGHV11D-144	BV14P 78879687..78879402 complement	NC_027302.1	IGHV11D-144*01	P	NEW
<i>Salmo salar</i> IGHV12D-50	BV37 79367162..79367469	NC_027302.1	IGHV12D-50*01	F	NEW
<i>Salmo salar</i> IGHV15D-38	BV26 79211833..79212088	NC_027302.1	IGHV15D-38*02	P	NEW
<i>Salmo salar</i> IGHV15D-85	BV22 79004012..79004313	NC_027302.1	IGHV15D-85*01	F	NEW
<i>Salmo salar</i> IGHV15-124	AV33 21086130..21085827	NC_027305.1	IGHV15-124*01	F	NEW
<i>Salmo salar</i> IGHV16-15	AV03P 20731699..20732000 complement	NC_027305.1	IGHV16-15*01	P	NEW
<i>Salmo salar</i> IGHV16D-42	BV24 79194585..79194883	NC_027302.1	IGHV16D-42*01	F	NEW
<i>Salmo salar</i> IGHV16D-65	BV11 78502223..78502524	NC_027302.1	IGHV16D-65*01	F	NEW

*Gene functionality may be revised at the data entry in the IMGT databases.