Online resource 3. Genomic coordinates of NKp30 in the Xenopus scaffolds

Scaffold-215: 1,772,981 bp

	Position (bp)	gene symbol	Protein ID	human chr	Type[1]	Gene description/EST for NKp30
215-1	29895-31362	NKp30	170752	6p21.3	DT	88% DT447366 (spleen)
215-2	36219-41502	NKp30	170753	6p21.3	ES	100% ES685492 (spleen); ES685490 (eye); DR850889 (ovary); DN098981 (Ovary); CX747707 (whole embryo); AL878396 (egg); AL961664 (gastrula); DR850888 (ovary); CX747706 (whole embryo); 98% CX966132 (intestine); 95% CX445352 (whole embryo);
215-3	54224-56880	NKp30	170755	6p21.3	DT	95% DT447366 (spleen), 96% EL837225 (testes)
215-4	62790-67524	NKp30*	170756	6p21.3	DT, DT	91-6% DT447366 (spleen), 95-7% EL837225 (testes)
215-5	73213-83037	NKp30*	170757	6p21.3	DT, DT	91-2% DT447366 (spleen), 97-8% EL837225 (testes)
215-6	90642-97175	NKp30	170758	6p21.3	DT	95% DT447366 (spleen), 99% EL837225 (testes)
215-7	131570-137052	NKp30*	170763	6p21.3	DT, DT	92-3% DT447366 (spleen), 97-100% EL837225 (testes)
215-8	168948-174567	NKp30	170766	6p21.3	DT	91% DT447366(spleen), 99% EL837225 (testes)
215-9	205264-205539	NKp30	138657	6p21.3	DT	86% DT447366 (spleen)
215-10	209299-221397	NKp30	170769	6p21.3	DT	98% EL837335 (testes), 91% DT447366 (spleen)
215-11	224116-248685	NKp30	170770	6p21.3	DT	99% DT447366 (spleen)
215-12	269377-275917	NKp30	466773	6p21.3	BX	100% match to BX773925 (egg)
13	283772-288419	B3GAT1-like	350405	11q25		beta-1,3-glucuronyltransferase 1
14	432001-504608	BSN	170777	3p21.31		bassoon (presynaptic cytomatrix protein)
15	526523-528650	BSN-like	466774			protein basoon-like
16	855898-891267	DAG1	170780	3p21.31		dystroglycan 1 (dystrophin-associated glycoprotein 1)
17	952064-980011	USP4	170783	3p21.3		ubiquitin specific peptidase 4 (proto-oncogene)
18	995022-999682	GPX1	454592	3p21.3		glutathione peroxidase 1
19	1004872-1020027	RHOA	149865	3p21.3		ras homolog gene family, member A
20	1163158-1174921	GMPPB	454601	3p21.31		GDP-mannose pyrophosphorylase B
21	1180654-1198431	IP6K1	170800	3p21.31		inositol hexakisphosphate kinase 1
22	1268580-1287897	CDHR4	170804	3p21.31		cadherin-related family member 4
23	1296340-1299408	TLR9	350411	3p21.3		toll-like receptor 9
24	1303105-1313373	TRAIP	350388	3p21.31		TRAF interacting protein
25	1385332-1390848	C3orf54	293751	3p21.31		

Online resource 3. Genomic coordinates of NKp30 in the Xenopus scaffolds

Scaffold-88: 3,020,139bp

	Position (bp)	gene symbol	Protein ID	human chr	Type[1]	Gene description/EST for NKp30
1	55318-84426	TNRC6B	163058	22q13.1		trinucleotide repeat containing 6B
2	107991-116671	ADSL	451771	22q13.2		adenylosuccinate lyase
3	123789-145333	SGSM3	271451	22q13.1-q13.2		small G protein signaling modulator 3
4	149696-155729	CHAD	271472	17q21.33		chondroadherin
5	156637-167119	RANGAP1	163063	22q13		Ran GTPase activating protein 1
6	173261-202155	ZC3H7B	271466	22q13.2		zinc finger CCCH-type containing 7B
7	217888-223875	TEF	208802	22q13.2		thyrotrophic embryonic factor
8	244085-246726	PKN2	327775	1p22.2		protein kinase N2
9	280977-293299	GALR2	327802	17q25.3		galanin receptor 2
10	349153-400242	TOM1	208803	22q13.1		target of myb1
11	402220-412313	HMGXB4	163074	22q13.1		HMGXB4 and Name: HMG box domain containing 4
12	418993-426545	ANKRD54	327650	22q13.1		ankyrin repeat domain 54
13	431466-441809	EIF3L	451784	22q		eukaryotic translation initiation factor 3, subunit L
14	443205-486752	MCALL1	451786	22q13.1		MICAL-like 1
15	492687-499703	C22orf23	292767	22q13.1		chromosome 22 open reading frame 23; EVG1
16	499702-504092	POLR2F	271486	22q13.1		polymerase (RNA) II (DNA directed) polypeptide F
17	512058-518986	SOX10	451789	22q13.1		SRY (sex determining region Y)-box 10
18	559579-580477	BAIAP2L2	327814	22q13.1		BAI1-associated protein 2-like 2
19	589335-609781	PLA2G6	451790	22q13.1		phospholipase A2, group VI
20	621288-626606	MAFF	163085	22q13.1		v-maf musculoaponeurotic fibrosarcoma oncogene homolog F
21	638353-678699	TMEM184B	163086	22q12		transmembrane protein 184B
22	692261-732951	CSNK1E	163088	22q13.1		casein kinase 1, epsilon
23	755336-756936	KCNJ4	451791	22q13.1		potassium inwardly-rectifying channel, subfamily J, member 4
24	811924-817996	KDELR3	148351	22q13.1		KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3
25	845791-849259	TNIK	163095	3p26.31		TRAF2 and NCK interacting kinase
26	853890-854186	nog4	18973	17q22 paralog?		noggin4
27	855476-871597	GCAT	327659	22q13.1		glycine C-acetyltransferase
28	878989-879330	H1F0	109293	22q13.1		H1 histone family, member 0
29	897679-908475	TRIOBP	327579	22q13.1		TRIO and F-actin binding protein
30	922457-943491	SRRM2?	163100	16p13.3		serine/arginine repetitive matrix 2
31	944169-954045	NOL12	148353	22q13.1		nucleolar protein 12
32	954084-972241	ADAP1	225007	7p22.3		ArfGAP with dual PH domains 1

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33	979371-987199	LGALS1	148356	22q13.1		lectin, galactoside-binding, soluble, 1
34	994368-1009091	LGALS1	148357	22q13.1		lectin, galactoside-binding, soluble, 1
35	1027775-1040978	LGALS1	292772	22q13.1		lectin, galactoside-binding, soluble, 1
36	1048074-1054603	LGALS1	163108	22q13.1		lectin, galactoside-binding, soluble, 1
37	1068659-1080149	SH3BP1	327728	22q13.1		SH3-domain binding protein 1
38	1108125-1124159	GGA1	327829	22q13.31		golgi-associated, gamma adaptin ear containing, ARF binding protein 1
39	1136061-1138851	LGALS2	163110	22q13.1		lectin, galactoside-binding, soluble, 2
40	1269635-1272443	ELFN2	451800	22q13.1		extracellular leucine-rich repeat and fibronectin type III domain containing 2
41	1314787-1336565	CYTH2	327670	19q13.33		cytohesin 2
42	1358871-1384147	RAC2	475981	22q13.1		ras-related C3 botulinum toxin substrate 2
43	1405028-1406239	SSTR3	327701	22q13.1		somatostatin receptor 3
44	1470189-1495484	TMPRSS6	464718	22q12.3		transmembrane protease, serine 6
45	1498089-1503584	KCTD17	14752	22q12.3		potassium channel tetramerisation domain containing 17
46	1505535-1512725	MPST	163119	22q13.1		mercaptopyruvate sulfurtransferase
47	1556398-1564872	TST	163123	22q13.1		thiosulfate sulfurtransferase (rhodanese)
48	1578379-1605830	CSF2RB	451803	22q13.1		colony stimulating factor 2 receptor, beta, low-affinity
49	1615529-1638662	NCF4	148362	22q13.1		neutrophil cytosolic factor 4, 40kDa
50	1658714-1677150	PVALV	148364	22q12-q13.1		parvalbumin
51	1688532-1706043	IFT27	451804	22q13.1		intraflagellar transport 27 homolog (Chlamydomonas)
52	1729296-1782366	CACNG2	271449	22q13.1		calcium channel, voltage-dependent, gamma subunit 2
53	1809705-1822472	EIF3D	148366	22q13.1		eukaryotic translation initiation factor 3, subunit D
54	1825333-1831291	MUSTN1	451808	3		musculoskeletal, embryonic nuclear protein 1
55	1840257-1853219	TMEM110-MUS	199241	3		TMEM110-MUSTN1 readthrough
56	1860469-1891127	SFMBT1	327822	3p21.1		Scm-like with four mbt domains 1
57	1939871-1956718	RFT1	475987	3p21.1		RFT1 homolog (S. cerevisiae)
58	2020934-2033178	PRKCD	271492	3p21.31		protein kinase C, delta
59	2034703-2055023	PFKFB4	451813	3p22-p21		6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4
60	2118529-2130605	WASL	451814	7q31.3		Wiskott-Aldrich syndrome-like
61	2158165-2175889	ATRIP	451816	3p21.31		ATR interacting protein
62	2185665-2188143	BTG1	292779	12q22		B-cell translocation gene 1, anti-proliferative
63	2235401-2260694	IPPK	271516	9q22.31		inositol 1,3,4,5,6-pentakisphosphate 2-kinase
64	2289075-2302416	ECM2	163153	9q22.3		extracellular matrix protein 2, female organ and adipocyte specific
65	2321556-2332848	ASPN	327585	9q22		asporin
66	2350549-2353158	OMD	199249	9q22.31		osteomodulin

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67	2371700-2375287	OGN	327661	9q22		osteoglycin
68	2403512-2429465	NOL8	512865	9q22.31		nucleolar protein 8
69	2462656-2511391	IARS	451824	9q21		isoleucyl-tRNA synthetase
70	2761382-2851564	ATP2B2	199252	3p25.3		ATPase, Ca++ transporting, plasma membrane 2
71	2872484-2911770	FANCD2	327776	3p26		Fanconi anemia, complementation group D2
72	2914797-2915547	C3orf24	271423	3p25.3		
73	2917929-2926887	TMEM111	148375	3		transmembrane protein 111
88-2	2955788-2958378	NKp30	163171	6p21.3	New (88-2)	no match
88-1	3005933-3014759	NKp30	163176	6p21.3	ES	91% ES685492 (spleen); ES685490 (eye); DR850889 (ovary); DN098981 (Ovary); CX747707 (whole embryo); 89% CX445352 (whole embryo); CX966132 (intestine); AL878396 (egg); 93% CX747706 (whole embryo); 92% DR850888 (ovary); AL961664 (gastrula);

Scaffold-3675: 10,658bp

	Position (bp)	**gene symbol**	**Protein ID**	**human chr**	**Type[1]**	**Gene description/EST for NKp30**
3675-1	2198-4041	NKp30	193035	6p21.3	DT	90% DT447366 (spleen)

Scaffold-15172: 3,739bp

15172-1	40-595	NKp30	195782	6p21.3	ES	98% ES685492 (eye); 96% ES685490 (eye), DR850889 (ovary), DN098981 (ovary), CX747707 (whole embryo), AL878396 (egg); 94% CX747706 (whole embryo), CX966132 (intestine); 93% CX445352 (whole embryo), DR850888 (Ovary)

Scaffold-3771: 10,314bp

3771-1	683-2204	NKp30	193089	6p21.3	ES	95% ES685492 (eye), ES685490 (eye), DR850889 (ovary), DN098981 (ovary), CX747707 (whole embryo), AL878396 (egg), CX445352 (whole embryo), CX966132 (intestine); 94% C7447706 (whole embryo); 93% DR850888 (ovary), AL961664 (gastrula)

* indicate these gene models contain two IgSF exons, presumably assembly error.

[1]: Nkp30 types based on the amino acid sequences