hyaluronidase PH-20 isoform 2 [Homo sapiens]	Homo sapiens	human	9606	1058	1058	100%	0.0	100.00	509	NP_001167515.1
hyaluronidase PH-20 isoform X1 [Pan troglodytes]	Pan troglodytes	chimpanzee	9598	1046	1046	100%	0.0	99.02	509	XP_003318802.2
hyaluronidase PH-20 isoform 1 [Homo sapiens]	Homo sapiens	human	9606	1031	1031	97%	0.0	100.00	511	NP_003108.2
hyaluronidase PH-20 [Nomascus leucogenys]	Nomascus leu...	northern whi...	61853	1018	1018	100%	0.0	95.87	509	XP_003261317.2
hyaluronidase PH-20 [Macaca mulatta]	Macaca mulatta	Rhesus monkey	9544	927	927	100%	0.0	89.41	510	XP_001086882.2
hyaluronidase PH-20 precursor [Oryctolagus cuniculus]	Oryctolagus ...	rabbit	9986	717	717	96%	0.0	67.73	527	NP_001076141.2
hyaluronidase PH-20 [Ailuropoda melanoleuca]	Ailuropoda m...	giant panda	9646	696	696	92%	0.0	67.30	540	XP_002919069.1
hyaluronidase PH-20 [Sus scrofa]	Sus scrofa	pig	9823	682	682	92%	0.0	65.88	493	NP_999176.1
hyaluronidase PH-20 [Bos taurus]	Bos taurus	cattle	9913	680	680	91%	0.0	66.24	550	XP_002686960.3
sperm adhesion molecule 1 precursor [Bos taurus]	Bos taurus	cattle	9913	653	653	96%	0.0	61.68	553	NP_001008413.3
hyaluronidase-5-like [Cricetulus griseus]	Cricetulus g...	Chinese hamster	10029	649	649	92%	0.0	62.34	526	XP_003502178.1
hyaluronidase PH-20 precursor [Cavia porcellus]	Cavia porcellus	domestic gui...	10141	646	646	94%	0.0	60.04	529	NP_001166492.1
hyaluronidase PH-20 [Rattus norvegicus]	Rattus norve...	Norway rat	10116	631	631	92%	0.0	61.57	526	NP_001019492.1
hyaluronidase PH-20 [Ornithorhynchus anatinus]	Ornithorhync...	platypus	9258	588	588	94%	0.0	57.56	604	XP_001507937.2
hyaluronidase PH-20 precursor [Mus musculus]	Mus musculus	house mouse	10090	586	586	92%	0.0	58.05	512	NP_001073344.1
hyaluronidase PH-20 precursor [Rattus norvegicus]	Rattus norve...	Norway rat	10116	565	565	92%	0.0	55.30	512	NP_446419.1
hyaluronidase PH-20 [Cricetulus griseus]	Cricetulus g...	Chinese hamster	10029	562	562	92%	0.0	55.18	513	XP_003502177.1
hyaluronidase PH-20 [Taeniopygia guttata]	Taeniopygia ...	zebra finch	59729	538	538	87%	0.0	54.44	586	XP_002190553.4
hyaluronidase PH-20 [Xenopus tropicalis]	Xenopus trop...	tropical cla...	8364	450	450	91%	3e-150	46.09	526	XP_002932242.3
sperm adhesion molecule 1 (PH-20 hyaluronidase, zona pellucida...	Xenopus laevis	African claw...	8355	436	436	90%	3e-145	45.84	512	NP_001082194.1
hyaluronidase-4 [Ailuropoda melanoleuca]	Ailuropoda m...	giant panda	9646	409	409	89%	8e-135	44.57	481	XP_002919077.1
hyaluronidase-4 [Oryctolagus cuniculus]	Oryctolagus ...	rabbit	9986	408	408	81%	2e-134	47.73	484	XP_002712114.1
LOW QUALITY PROTEIN: hyaluronidase-4 [Canis lupus familiaris]	Canis lupus ...	dog	9615	408	408	85%	2e-134	45.77	489	XP_532444.4
hyaluronidase-4 [Pongo abelii]	Pongo abelii	Sumatran ora...	9601	404	404	81%	4e-133	47.49	481	XP_002818436.2
hyaluronidase-4 [Mus musculus]	Mus musculus	house mouse	10090	404	404	80%	5e-133	45.87	481	NP_084124.1
hyaluronidase-4 isoform X2 [Sus scrofa]	Sus scrofa	pig	9823	402	402	85%	2e-132	44.62	482	XP_003134772.2
hyaluronidase-4 [Homo sapiens]	Homo sapiens	human	9606	402	402	81%	4e-132	47.26	481	NP_036401.2
hyaluronidase-4 [Nomascus leucogenys]	Nomascus leu...	northern whi...	61853	400	400	89%	2e-131	44.35	481	XP_003261316.2
hyaluronidase-4 [Loxodonta africana]	Loxodonta af...	African sava...	9785	400	400	85%	2e-131	45.18	481	XP_003407292.1
hyaluronidase-4 [Bos taurus]	Bos taurus	cattle	9913	398	398	85%	1e-130	44.62	481	XP_003586042.1
hyaluronidase-4 [Rattus norvegicus]	Rattus norve...	Norway rat	10116	392	392	86%	2e-128	42.08	481	NP_001094250.1
hyaluronidase-4 [Anolis carolinensis]	Anolis carol...	green anole	28377	387	387	81%	5e-127	44.98	447	XP_003221368.2
hyaluronidase-4 [Cavia porcellus]	Cavia porcellus	domestic gui...	10141	385	385	87%	2e-125	43.24	486	XP_003475093.1
hyaluronidase-4 [Xenopus tropicalis]	Xenopus trop...	tropical cla...	8364	375	375	77%	7e-122	46.27	462	NP_001090796.1
hyaluronidase [Anolis carolinensis]	Anolis carol...	green anole	28377	373	373	79%	2e-121	45.83	445	XP_003221369.1
hyaluronidase-4 [Oreochromis niloticus]	Oreochromis ...	Nile tilapia	8128	364	364	85%	6e-117	40.32	515	XP_003449274.1
hyaluronoglucosaminidase 6 [Danio rerio]	Danio rerio	zebrafish	7955	361	361	77%	3e-116	44.80	486	NP_001074140.1
hyaluronidase-2 [Anolis carolinensis]	Anolis carol...	green anole	28377	359	359	79%	2e-115	44.12	474	XP_003217669.1
hyaluronidase-4 [Ornithorhynchus anatinus]	Ornithorhync...	platypus	9258	358	358	82%	3e-115	42.28	484	XP_001507903.3
hyaluronidase [Oreochromis niloticus]	Oreochromis ...	Nile tilapia	8128	358	358	78%	8e-115	44.69	499	XP_003449275.2
hyaluronidase-2 [Monodelphis domestica]	Monodelphis ...	gray short-t...	13616	357	357	78%	1e-114	44.58	478	XP_001378617.3
hyaluronidase-2 [Meleagris gallopavo]	Meleagris ga...	turkey	9103	356	356	80%	1e-114	44.58	454	XP_003210019.2
hyaluronidase 2 L homeolog precursor [Xenopus laevis]	Xenopus laevis	African claw...	8355	356	356	80%	3e-114	42.92	474	NP_001165445.1
hyaluronidase-2 isoform X1 [Gallus gallus]	Gallus gallus	chicken	9031	356	356	82%	4e-114	43.44	478	XP_414258.3
hyaluronidase 2 S homeolog precursor [Xenopus laevis]	Xenopus laevis	African claw...	8355	356	356	77%	4e-114	45.19	487	NP_001080777.1
hyaluronidase-2 precursor [Xenopus tropicalis]	Xenopus trop...	tropical cla...	8364	355	355	85%	9e-114	43.12	478	NP_001119986.1
hyaluronidase PH-20-like [Cricetulus griseus]	Cricetulus g...	Chinese hamster	10029	343	343	52%	2e-112	59.02	270	XP_003509213.1
hyaluronidase-1 [Anolis carolinensis]	Anolis carol...	green anole	28377	350	350	81%	3e-112	43.47	443	XP_003221370.3
hyaluronidase-2 [Oreochromis niloticus]	Oreochromis ...	Nile tilapia	8128	350	350	81%	5e-112	43.13	470	XP_003448364.1
hyaluronidase-1 [Taeniopygia guttata]	Taeniopygia ...	zebra finch	59729	348	348	77%	2e-111	45.52	469	XP_002189602.4
hyaluronidase PH-20 precursor [Danio rerio]	Danio rerio	zebrafish	7955	343	343	77%	1e-109	42.82	439	NP_001074154.2
hyaluronidase-1 isoform X1 [Oreochromis niloticus]	Oreochromis ...	Nile tilapia	8128	343	343	83%	2e-109	40.14	462	XP_003448436.2
hyaluronidase-2 [Pongo abelii]	Pongo abelii	Sumatran ora...	9601	340	340	82%	3e-108	39.76	473	XP_002813763.3
hyaluronidase-1 [Xenopus tropicalis]	Xenopus trop...	tropical cla...	8364	338	338	81%	1e-107	43.36	438	XP_002935681.1
hyaluronidase-2 [Pan troglodytes]	Pan troglodytes	chimpanzee	9598	338	338	82%	2e-107	39.76	473	XP_001168599.1
hyaluronidase-2 isoform X1 [Danio rerio]	Danio rerio	zebrafish	7955	338	338	87%	4e-107	38.86	502	XP_687640.2

hyaluronidase-2 precursor [Homo sapiens]	Homo sapiens	human	9606	337	337	82%	5e-107	39.53	473	NP_003764.3
hyaluronidase-2 [Cavia porcellus]	Cavia porcellus	domestic gui...	10141	337	337	82%	6e-107	39.68	471	XP_003476739.1
hyaluronidase-2 [Nomascus leucogenys]	Nomascus leu...	northern whi...	61853	337	337	82%	8e-107	39.53	473	XP_003257153.1
hyaluronidase-2 [Callithrix jacchus]	Callithrix j...	white-tufted...	9483	334	334	80%	6e-106	39.71	473	XP_002758427.1
hyaluronidase-1 isoform X1 [Macaca mulatta]	Macaca mulatta	Rhesus monkey	9544	332	332	79%	2e-105	41.26	450	XP_001102414.2
hyaluronidase-2 precursor [Rattus norvegicus]	Rattus norve...	Norway rat	10116	331	331	78%	1e-104	41.13	473	NP_742037.2
hyaluronidase-2 precursor [Sus scrofa]	Sus scrofa	pig	9823	328	328	80%	1e-103	40.14	476	NP_999605.1
hyaluronidase-2 precursor [Ovis aries]	Ovis aries	sheep	9940	327	327	80%	4e-103	39.67	476	NP_001009754.1
hyaluronoglucosaminidase 6 precursor [Mus musculus]	Mus musculus	house mouse	10090	327	327	81%	6e-103	40.86	494	NP_083196.2
hyaluronoglucosaminidase 6 precursor [Rattus norvegicus]	Rattus norve...	Norway rat	10116	326	326	78%	1e-102	42.43	481	NP_001019491.1
hyaluronidase-2 precursor [Bos taurus]	Bos taurus	cattle	9913	325	325	80%	3e-102	39.43	473	NP_776772.1
hyaluronidase-1 isoform 1 precursor [Homo sapiens]	Homo sapiens	human	9606	320	320	80%	1e-100	41.57	435	NP_149349.2
hyaluronidase-1 precursor [Danio rerio]	Danio rerio	zebrafish	7955	319	319	77%	3e-100	41.12	449	NP_001035086.1
hyaluronidase-like [Cricetulus griseus]	Cricetulus g...	Chinese hamster	10029	320	320	83%	5e-100	39.95	486	XP_003502176.1
hyaluronidase-1 [Nomascus leucogenys]	Nomascus leu...	northern whi...	61853	317	317	79%	2e-99	41.02	435	XP_003257149.1
hyaluronidase-1 isoform X1 [Pongo abelii]	Pongo abelii	Sumatran ora...	9601	316	316	79%	3e-99	40.78	435	XP_002813766.6
hyaluronidase-1 precursor [Bos taurus]	Bos taurus	cattle	9913	315	315	80%	7e-99	41.33	450	NP_001017941.1
hyaluronidase-2 isoform X3 [Ailuropoda melanoleuca]	Ailuropoda m...	giant panda	9646	315	315	77%	2e-98	41.50	450	XP_002920567.1
hyaluronidase-1 isoform X1 [Cavia porcellus]	Cavia porcellus	domestic gui...	10141	314	314	77%	2e-98	42.64	449	XP_003476738.1
hyaluronidase-1 precursor [Sus scrofa]	Sus scrofa	pig	9823	313	313	80%	3e-98	41.57	435	NP_999606.1
hyaluronidase PH-20-like [Cricetulus griseus]	Cricetulus g...	Chinese hamster	10029	303	303	46%	3e-97	58.65	243	XP_003516131.1
hyaluronidase-1 isoform X1 [Oryctolagus cuniculus]	Oryctolagus ...	rabbit	9986	311	311	77%	2e-96	41.35	497	XP_002713406.3
hyaluronidase-1 [Cricetulus griseus]	Cricetulus g...	Chinese hamster	10029	307	307	77%	2e-95	41.54	463	XP_003500449.1
hyaluronidase-1 [Ornithorhynchus anatinus]	Ornithorhync...	platypus	9258	301	301	77%	2e-93	40.00	442	XP_001509131.1
hyaluronidase-4-like [Pan troglodytes]	Pan troglodytes	chimpanzee	9598	301	301	78%	1e-92	39.60	483	XP_001139800.4
hyaluronidase-1 isoform 1 precursor [Mus musculus]	Mus musculus	house mouse	10090	296	296	77%	1e-91	40.50	449	NP_032343.3
hyaluronidase-1 isoform 1 precursor [Rattus norvegicus]	Rattus norve...	Norway rat	10116	296	296	79%	2e-91	39.66	449	NP_997499.2
hyaluronidase-1 isoform X2 [Macaca mulatta]	Macaca mulatta	Rhesus monkey	9544	291	291	79%	5e-90	38.35	420	XP_001102322.2
hyaluronidase-1 isoform 2 precursor [Homo sapiens]	Homo sapiens	human	9606	280	280	80%	2e-85	38.72	405	NP_695014.1
hyaluronidase-1 isoform X2 [Pan troglodytes]	Pan troglodytes	chimpanzee	9598	278	278	82%	7e-85	37.88	405	XP_001168796.1
hyaluronidase-3 precursor [Rattus norvegicus]	Rattus norve...	Norway rat	10116	278	278	75%	1e-84	38.92	412	NP_997482.2
hyaluronidase-3 precursor [Bos taurus]	Bos taurus	cattle	9913	275	275	80%	2e-83	38.22	419	NP_001193181.1
hyaluronidase-3 isoform 1 precursor [Homo sapiens]	Homo sapiens	human	9606	274	274	82%	3e-83	37.26	417	NP_001186958.1
hyaluronidase-3 precursor [Sus scrofa]	Sus scrofa	pig	9823	274	274	70%	4e-83	40.33	419	NP_999604.1
hyaluronidase-3 isoform X1 [Equus caballus]	Equus caballus	horse	9796	273	273	70%	4e-83	40.06	415	XP_001493753.3
hyaluronidase-3 [Danio rerio]	Danio rerio	zebrafish	7955	273	273	78%	1e-82	39.21	428	NP_001121765.1
hyaluronidase-3 precursor [Mus musculus]	Mus musculus	house mouse	10090	271	271	70%	6e-82	39.56	412	NP_821139.2
hyaluronidase-1-like [Ciona intestinalis]	Ciona intest...	vase tunicate	7719	265	265	75%	1e-79	38.56	432	XP_002128103.1
hyaluronidase-3 isoform X1 [Gallus gallus]	Gallus gallus	chicken	9031	263	263	70%	2e-77	39.89	561	XP_003642042.3