Appendix 1: Location of DPP-III inhibitory peptides in storage protein sequences of plant commodities

Protein source	Protein name and UniProt ID	Peptide fragment	Sequence location
Wheat (*Triticum aestivum*)	Gamma-gliadin P21292	DA	296-97
		IH	221-22
		LR	241-42
		LA	10-11,209-10,247-48
		FL	163-64,174-75,
		PF	36-37,43-44,91-92,106-07,114-15,124-25,134-35,
		TF	58-59,66-67,98-99
		VY	279-80
		PR	194-95,
	Glutenin, low molecular weight subunit 1D1 P10386	GE	84-85,469-70,597-98
		LR	276-77
		LA	10-11,107-08,254-55
		FA	6-7,
		FL	4-5,153-54,259-60,
		TF	3-4,43-44,258-59
		YR	290-91
		PF	71-72,78-79,91-92,105-06,297-98
	Alpha/beta-gliadin A-V P04725	RV	22-23
		IH	198-99
		LA	7-8,10-11,289-90
		FA	283-84
		FL	4-5,
		PE	190-91,
		PF	68-69,80-81,86-87,312-13
		TF	3-4
		YL	75-76,112-13
		YI	301-02,
	Alpha/beta-gliadin P02863	RF	22-23,
		HL	179-80
		IH	192-93
		LA	10-11,258-59
		FR	94-95,231-32
		FL	4-5,50-51,
		PE	184-85,
		PF	56-57,68-69,80-81,93-94,279-80
		TF	3-4
		YL	75-76
		YI	270-71,
		VY	269-70,
	Glutenin, high molecular weight subunit 12, P08488	GE	23-24,103-04,
		DA	654-55
		HP	489-90
		LR	69-70
		LA	51-52,293-94
		MR	63-64
		FA	8-9,
		YY	127-28,139-40,168-69,189-90,210-11,249-50,427-28,448-49,503-04,524-25,578-79,
		YL	292-93,
		KA	636-37
		YH	621-22
		PE	236-37,414-15,490-91
		PR	134-35

	HMW glutenin Q84UY5	DA	706-07
		HP	206-07,529-30
		LR	43-44
		LA	25-26,348-49
		YY	101-02,113-14,142-43,157-58,178-79,199-200,244-45,271-72,475-76,502-03,555-56,576-77,630-31,
		YL	347-48,
		YH	673-74
		MR	37-38
Barley (*Hordeum vulgare*)	B hordein Q40026	HP	133-34
		LR	267-68
		FA	7-8
		FR	189-90
		FL	4-5, 146-47, 202-03, 250-51
		TF	3-4
		PF	23-24, 28-29, 47-48, 53-54, 70-71, 82-83, 88-89, 94-95
		VY	198-99
	D hordein Q40054	GE	638-39
		GF	267-78, 515-16, 643-44
		RV	55-56
		HP	602-03
		LR	79-80
		LA	687-88, 704-05
		FL	31-32
		PE	84-85
		PF	531-32
		RR	54-55,
		YY	133-34,209-10,369-70,427-28,486-87,663-64,
		YH	150-51,
		TF	172-73,195-96,317-18,
		YH	668-69,
		KA	683-84
		SM	413-14
		YG	664-665
	Gamma-hordein-3 (P80198)	GF	219-20
		LR	166-67
		LA	126-27, 187-88
		FL	34-35, 145-46, 165-66
		PE	39-40
		PF	33-34,54-55, 107-08,278-79
		SM	281-82
	B3-hordein P06471	LR	160-61,237-38
		LA	125-26,256-57
		FL	117-18,220-21
		PE	157-58
		YR	251-52
		PF	19-20,29-30,53-54,59-60,65-66,101-02,
		VY	169-70
	C-hordein P06472	FR	72-73
		PF	13-14,36-37,49-50,56-57,71-72
		SM	103-04
Oat (*Avena Sativa)*	11S globulin Q38779	GE	201-02
		RF	46-47,156-57
		RV	86-87,153-54,275-76,277-78,400-01,429-30
		DA	178-79
		HF	456-57,
		LR	42-43,56-57,491-92
		FA	137-38,

		FR	76-77,
		FL	16-17,203-04,211-12,228-29,285-86
		PF	131-32,411-12
		YF	12-13,68-69,
		RR	85-86,
		YH	98-99
		TF	117-18,124-25,
		YR	503-04
		SM	8-9,21-23,479-80
		YI	106-07,470-71,
		VY	105-06,
		PR	198-99,223-24,375-76,
	12s globulin O49257	GE	246-47,460-61
		GF	112-113,218-19
		RF	152-53
		RV	86-87,149-50,250-51,521-22,350-51
		DA	174-75,
		HL	142-43
		LR	56-57,76-77,366-67,412-13
		FL	16-17,199-200,257-58,
		PE	458-59
		PF	131-32,332-33,
		YF	68-69,
		RR	85-86,
		YH	98-99,
		YL	106-07,
		KA	469-70
		YR	424-25,
		SM	22-23,351-52,
		YI	391-92
		VY	105-06,342-43,
		PR	194-95,295-96
	Avenin P27919	GE	202-03
		GF	108-09,
		DA	96-97
		LR	78-79,154-55
		LA	7-8,10-11,162-63
		MR	59-60,
		FA	18-19
		FL	6-7,
		TF	17-18
		YR	166-67,
		KA	211-12
		PE	200-01,
		SM	142-43,
	12S seed storage globulin 1 P12615	GE	250-51,426-27,508-09
		GF	112-13,222-23
		RF	5-6,136-37,
		RV	86-87,153-54,254-55,368-69,397-98
		DA	178-79
		HL	350-51
		LR	42-43,56-57,413-14,459-60
		LA	204-05,467-68
		FA	496-97,
		FR	76-77,
		YF	68-69,
		RR	85-86,414-15,
		YH	98-99
		TF	117-18,124-25,
		KA	430-31,515-16
		YR	471-72,
		FL	16-17,203-04,261-62,

		PF	264-65,
		SM	22-23,447-48,
		YI	106-07,438-39,451-52,
		VY	105-06,184-85,
		RFA	136-138,
		PR	198-99,343-44,
	12S seed storage globulin 2 P14812	GE	250-51,486-87,508-09
		GF	112-13,222-23
		RF	5-6,46-47,
		RV	86-87,153-54,254-55,368-69,397-98
		DA	178-79,490-91
		HL	350-51
		LR	42-43,56-57,413-14,459-60
		LA	205-06,467-68
		FA	137-38,
		FR	76-77,
		FL	16-17,261-62,203-04,
		PF	264-65,131-32,
		YF	68-69,
		RR	85-86,414-15,
		YH	98-99,
		TF	117-18,124-25
		KA	430-31,515-16
		YR	471-72
		SM	22-23,447-48
		YI	14-15,438-39,106-07
		VY	184-85,105-06,
		PR	343-44,198-99,
Soyabean (*Glycine max*)	Basic 7S globulin P13917	GE	133-34,136-37,252-53,356-57
		GF	405-06
		RV	257-58,403-04
		DA	224-225,
		HL	70-71
		HK	114-115,
		HF	199-200,
		IH	142-43
		LW	71-72
		LA	9-10,140-41,196-97,241-42,399-400
		MR	229-30
		FA	309-10,424-25
		FL	8-9,17-18,20-21, 161-62,169-70
		PF	87-88, 324-25
		YF	7-8
		VY	301-02
	Glycinin P04347	GE	437-38,458-59
		GF	103-04,231-32
		RV	46-47, 185-86,423-24,425-26,483-84
		HL	82-83
		HF	140-41, 235-36
		HP	61-62,197-98,322-23
		LR	251-52,386-87,439-40
		LA	189-90,237-38
		FA	23-24,104-05
		FR	482-483,
		FL	236-237
		RR	122-23,298-99,440-41
		YL	86-87,188-89,
		TF	112-13,
		KA	371-72,
		YR	399-400
		PE	62-63,110-11, 198-99, 330-31
		YG	289-90

		YI	477-78
	Beta-conglycinin, alpha chain P13916	GE	71-72,91-92,133-34,367-68
		GF	336-37
		RF	5-6,202-03,219-20,318-19
		RV	215-16,286-87,
		DA	252-53,283-84,469-70,580-81
		HK	190-91
		HF	454-55
		LR	187-88,230-31,285-86,304-05,408-09,433-34,601-02,
		MR	2-3,
		YR	49-50,233-34,277-78,496-97,
		YY	293-94,
		RR	188-89,
		YL	255-56,333-34,
		KA	458-59,
		YF	577-78
		FA	525-26,
		FL	15-16,323-24,439-40,538-39
		PE	83-84,427-28,
		PF	105-06,154-55,195-96,405-06,
		YG	210-11
		PR	74-75,76-77,78-79,101-02,107-08,111-12,126-27,156-57,
Glycine max	Beta-conglycinin, beta chain P25974	GE	198-99,375-76
		GF	175-76
		RF	5-6, 58-59
		RV	3-4,194-95
		DA	91-92,122-23,303-04,414-15
		HF	288-89
		HP	119-20
		LR	69-70, 242-43, 267-68
		YF	35-36,411-12
		YR	72-73
		YY	132-33,
		YL	133-34,
		YR	330-31,
		RR	223-24
		KA	292-93
		LA	17-18, 148-49, 359-60,372-73,391-92
		FR	36-37
		FL	16-17, 94-95, 162-63, 273-74, 358-59, 372-73
		PE	261-62
		PF	33-34, 239-40, 347-48, 430-31
	Glycinin P04347	GE	437-38,458-59
		GF	103-04,231-32
		RV	46-47,185-86,423-24,425-26,483-84
		HL	82-83
		HF	140-41,235-36
		LR	251-52,386-87,439-40
		FA	23-24,104-05,
		FR	482-83
		FL	236-37,
		YL	86-87,188-89
		TF	112-13,
		RR	122-23,298-99,440-41,
		KA	371-72,
		YR	399-400
		PE	62-63,110-11,198-99,330-31,
		PF	4-5,
		YG	289-90,
		YI	477-78
		PR	184-85,297-98,317-18,335-36,

Maize (*Zea mays*)	Zein-alpha P24450	GE	144-45
		HL	88-89
		LR	90-91
		FL	8-9,73-74,116-17,148-49,182-83,
		YL	39-40,130-31,162-63,192-93,
		YR	56-57
		PF	118-19,136-37,150-51,170-71,190-91,210-11,
		SM	46-47,
		PR	145-46,
	Zein-beta P08031	HL	33-34
		LR	90-91
		FL	82-83,89-90,137-38,
		PF	31-32,37-38,43-44,81-82,
		YG	101-02,130-31,
		VY	181-82
		YL	45-46
		YY	182-83
Rapeseed (*Brassica napus*)	Napin P17333	GE	81-82,
		DA	34-35
		HL	56-57,154-55
		HK	65-66
		LA	12-13
		FR	42-43
		FL	6-7,16-17,
		YR	24-25
		KA	58-59,126-27
		PF	41-42,170-71
	Napin-B P27740	GE	81-82
		DA	34-35
		HL	56-57,154-55
		HK	65-66
		LA	12-13,
		FR	42-43
		FL	6-7,16-17,
		KA	58-59,126-27
		YR	24-25
		PF	41-42,168-69
	Cruciferin P11090	GE	95-96,124-25,375-76
		GF	160-61,244-45,405-06
		RF	341-42
		RW	418-19
		RV	101-02,276-77,388-89,461-62
		DA	487-88
		LR	61-62,288-89,340-41,343-44,348-49,440-41
		FR	161-62
		FL	17-18,
		PE	247-48
		TF	16-17
		KA	45-46,252-53,485-86
		YL	79-80,218-19,
		TF	108-09,
		YK	322-23,
		RR	460-61,
		PF	122-23,216-17,280-81,
		YI	71-72,328-29
		VY	321-22
		PR	214-15
	Cruciferin CRU4 P33522	RV	366-67,462-63
		GF	19-20, 64-65,134-35,218-19,383-84

		RF	69-70,319-20,
		HL	144-45
		IH	330-31,145-46,188-89,
		LR	145-46,188-89,262-63,318-19,321-22,326-27
		LA	193-94,224-25,411-12
		MR	285-86,418-19,
		FA	65-66,219-20,384-85,
		FR	135-36,
		FL	13-14,82-83,191-92,320-21,
		PF	190-91,
		TF	12-13,81-82,89-90,108-09,
		YL	78-79,
		KA	354-55,
		YG	458-59,
		YI	306-07,
		VY	299-300
		PR	461-62
	Cruciferin BnC1 P33523	GE	95-96,125-26,377-78
		GF	161-62,245-46,,407-08
		RF	343-44
		RV	101-02,277-78,390-91,463-64
		DA	489-90
		LR	61-62,289-90,342-43,345-46,349-50,442-43
		LA	12-13,204-05,220-21,251-52,435-36
		FR	162-63,418-19,
		FL	17-18,344-45,
		PE	248-49,
		PF	217-18,281-82,
		KA	45-46,253-54,487-88
		YL	79-80,219-20,
		TF	109-10,
		YK	324-25,
		RR	462-63,
		YG	482-83,
		YI	71-72,330-31,
		VY	323-24,
		PR	215-16,485-86
Pea (*Pisum sativum*)	Legumin A P02857	GE	308-09,426-27
		GF	214-15
		RF	134-35,450-51,
		RW	375-76,
		DA	37-38,222-23
		HK	387-88
		FA	20-21,
		FR	62-63,135-36,
		FL	13-14,191-92,504-05
		PE	108-09,259-60,358-59,
		PF	501-02,
		YY	83-84,
		RR	80-81,123-24,179-80,305-06,327-28
		TF	110-11,485-86
		YL	182-83,219-220
		YF	99-100
		YR	125-26
		WM	150-51,
		FI	92-93,
		PR	178-79,281-82,301-02,
	Legumin B (Fragment) P14594	GE	135-36,238-39,306-07
		GF	7-8,280-81
		RV	241-42,
		FR	301-02
		FL	12-13,

		PE	49-50,
		RR	117-18
		YR	216-17
		PR	111-12
	PEA Legumin J P05692	GE	399-400,437-38
		GF	239-40
		RF	138-39
		RV	46-47,183-84,271-72,402-03,
		DA	339-40
		HL	82-83
		FA	16-17,
		FR	139-40,462-63,
		FL	5-6,244-45,
		PE	62-63,110-11,191-92,196-97,
		PF	4-5
		RR	73-74,137-38,216-17,
		YL	186-87,366-67,
		TF	248-49,
		YR	377-78
		FI	94-95,
		PR	116-117,182-83,262-63,348-49,496-97
	Legumin K P05693	GE	246-47,284-85
		RV	33-34,121-22,249-50
		DA	186-87,258-59
		FL	94-95,
		PE	41-42,46-47
		RR	66-67
		YL	36-37,213-14
		TF	98-99
		YR	224-25
		PR	32-33,112-13,195-96
	PEA Legumin A2 P15838	GE	121-22,311-12,429-30
		GF	215-16
		RF	135-36,181-82,453-54
		RW	378-79
		DA	223-24
		HK	390-91
		FA	21-22,
		FR	63-64,136-37,
		FL	14-15,192-93,220-21,507-08
		PE	27-28,108-09,260-61,361-62,
		PF	504-05,
		RR	81-82,124-25,308-09,321-22,330-31,
		YY	84-85
		YF	100-101,
		TF	111-12,488-89
		YR	126-27,
		YL	183-84
		WM	151-52,
		FI	93-94,
		PR	179-80,284-85,304-05,
Chichpea (*Cicer arietinum*)	Legumin Q9SMJ4	GE	406-07,
		GF	212-13,312-13
		RF	134-35,354-55,430-31
		DA	220-21
		HL	35-36
		HK	366-67
		HF	473-74
		MR	461-62,
		FA	20-21,62-63,
		FR	135-36,

		FL	13-14,83-84,191-92,217-18,355-56,474-75,
		TF	82-83,110-11,
		YF	99-100
		RR	179-80,226-27
		YL	182-83
		PE	89-90,257-58
		PF	471-72,
		WM	150-51,
		FI	92-93,
		PR	114-15,178-79,261-62,
Common bean (*Phaseolus vulgaris*)	Phaseolin, beta-type P02853	GE	293-94
		GF	344-45,
		RF	62-63
		RV	5-6,58-59,203-04
		DA	95-96,403-04,
		IH	167-68
		MR	2-3,
		FA	23-24,
		FR	81-82,
		FL	15-16,122-23,171-72,
		YR	76-77,314-15,
		RR	117-18,
		YY	280-81,
		KA	283-84,335-36,
		TF	381-82,
		YF	39-40,400-01
		YL	143-44,181-82,
		PE	85-86,
		PF	37-38,
		YG	54-55,
	Leucoagglutinating phytohemagglutinin P05087	GE	59-60,178-79,
		GF	124-25,226-27
		GFL	124-26
		RF	30-31
		RV	62-63
		DA	41-42
		LR	50-51
		LA	108-09,263-64
		FA	88-89,110-11,248-49
		FL	11-12,
		PE	220-21,
		VY	199-200,
		YF	25-26
		TF	93-94
		FI	207-08,
		GGFL	123-26,
		PR	61-62,
	Erythroagglutinating phytohemagglutinin P05088	GE	181-82,
		GF	229-30
		RF	31-32
		DA	42-43
		LR	51-52,
		LA	9-10,109-10,266-67
		FA	251-52,269-70
		FL	12-13
		PE	223-24
		VY	202-03,
		TF	94-95
		YK	133-34
		FI	210-11

		PR	158-59
Pumpkin (*Cucurbita maxima*)	11S globulin subunit beta P13744	GE	224-25, 255-56,390-91,
		GF	100-01,113-14,233-34,414-15
		RV	376-77,434-35,468-69
		LR	53-54,132-33,195-96,305-06,338-39
		LA	12-13,200-01,431-32
		MR	438-39,467-68
		FA	181-82,234-35,
		FR	152-53
		FL	9-10,238-39
		PE	204-05,275-76,
		PF	151-52,
		TF	8-9
		RR	133-34,488-89,
		YL	194-95,199-200
		YH	332-33
		YR	450-51,
		WM	167-68,
		YG	462-63,
		YI	287-88,
		FI	15-16
		PR	45-46,322-23,
Cardboard Palm (*Zamia furfuracea*)	Vicilin; 7S globulin Q41727	GE	198-99,222-23,
		RV	102-03,206-07,257-58
		DA	252-53
		HL	3-4
		IH	143-44,
		FL	331-32,365-66,
		PF	231-32,
		SM	275-76
		KA	45-46,188-89,
		RR	139-40,260-61,362-63,
		YR	236-37
		YL	353-54,375-76,
		YG	129-30,
		YI	87-88,131-32,
		VY	121-22,
		FI	142-43,
		PR	64-65,79-80,273-74,377-78
Broad bean (*Vicia faba*)	Legumin type B P05190	GE	380-81,418-19
		GF	239-40
		RF	138-39
		RV	46-47,183-84,271-72,383-84
		HL	82-83
		LR	64-65,259-60,276-77,345-46,348-49,457-58
		FR	139-40,443-44
		FL	5-6,244-45,
		RR	73-74,137-38,216-17,
		TF	248-49,
		YL	187-88,347-48,425-26
		YR	358-59
		PE	62-63,191-92,196-97,281-82,
		PF	4-5,
		YI	94-95,
		PR	116-17,182-83,262-63,329-30,
Radish (*Raphanus sativus*)	Cruciferin PGCRURSE5 Q02498	RV	108-09,255-56,319-20
		GF	141-42,223-24,396-97
		HL	6-7
		LR	68-69,237-38,267-68,431-32
		LA	4-5,22-23,200-01,229-30,239-40,424-25
		MR	298-99

		FA	397-98,
		FR	142-43,198-99,
		FM	117-18,
		PE	458-59
		PF	259-60,
		TF	11-12,89-90,116-17,197-98,
		YL	86-87,
		YK	313-14,
		RR	451-52
		SM	297-98,
		YI	333-34,
		VY	312-13,
		PR	195-96,279-80,
Sunflower (*Helianthus annuus*)	11S globulin seed storage protein G3 P19084	GE	117-18,125-26,357-58
		GF	74-75,230-31
		RF	183-84
		RW	425-26,
		RV	385-86,443-44
		DA	57-58
		HL	349-50
		LR	350-51,359-60,384-85,401-02
		LW	454-55
		LA	9-10,186-87,440-41
		FA	15-16,413-14,479-80
		FR	129-30,
		FL	167-68,185-86,
		RR	104-05,121-22,182-83,276-77,299-300
		TF	128-29,
		KA	4-5,
		PE	233-34,
		SM	313-14,
		PR	204-05,279-80,289-90,
Jack-bean (*Canavalia ensiformis*)	Concanavalin-A P02866	RV	69-70,253-54
		DA	56-57,146-47,
		HK	38-39
		FL	10-11,20-21,108-09,
		FM	39-40,
		PE	249-50
		TF	15-16,105-06,107-08
		YK	263-64
		FI	16-17,124-25,

Appendix 2: Location of DPP-III inhibitory peptides in storage protein sequences of animal commodities

Protein source	Protein name and UniProt ID	Peptide fragment	Sequence location
Chicken	Ovostatin P20740	GE	223-224, 516-17, 815-16, 981-82
		GF	713-14,787-88,1246-47,1338-39,1385-86
		RF	563-64,1060-61
		RV	73-74,158-59
		DA	450-51
		HL	1196-97,1331-32
		HK	659-60,
		HP	552-53,628-29,1028-29,1439-40
		IH	813-14,1330-31
		LR	544-45,679-80,896-97,1168-69,1326-27
		LW	471-72
		LA	26-27,111-12,785-86,1076-77,1157-58,1214-15,
		FA	988-89,1055-56,1247-48
		FR	157-58
		FL	4-5,230-31,678-79,709-10,818-19,926-27,1167-68,
		FM	101-02,530-31,
		PE	39-40,424-25,746-47,851-52,915-16,1192-93,1333-34,
		PF	413-14,801-02,977-78,
		SM	609-10,1121-22,1249-50
		TF	122-23,529-30,1035-36,1283-84,1428-29
		RR	128-29,368-69,919-20,1423-24,
		YK	149-50,214-15,324-25,332-33,1026-27,1052-53,1218-19,1407-08,
		KA	331-32,429-30,761-62,776-77,1160-61,1229-30,
		YR	367-68,664-65,903-04,
		YF	373-74,708-09,
		YG	267-68,286-87,1263-64,
		YL	827-28,997-98,1015-16,
		YI	487-88,636-37,1063-64,1110-11,
		YY	486-87,503-04,663-64,1450-51,
		VY	264-65,485-86,548-49,675-76,1051-52,
		FI	23-24,113-14,1061-62,
		PR	952-53,1351-52
		YGGF	1244-47
	Connectin/titin (Fragment) Q98918	GE	195-96, 393-94,655-56,704-05,822-23, 882-83, 897-98, 908-09, 1078-79,1254-55,1583-84,1636-37,1885-86,1944-45,2011-12,2061-62,2327-28,2414-15,2589-90,2943-44,3251-52,3313-14,3438-39,3477-78,3501-02,3626-27,3760-61,4001-02,4011-12,4162-63
		GF	31-32,1036-37,1647-48,3009-10,3543-44
		GFL	2510-12
		RF	759-60,1203-04,1285-86,1587-88,1614-15,2984-85,3090-91,3115-16,3277-78
		RW	374-75,2553-54,3589-90,
		RV	126-127,361-62,468-69,678-79,1579-80,1591-92,1825-26,1827-28,2217-18,2686-87,3094-95,4067-68,4154-55
		DA	231-32,895-96,1352-53,1821-22,1967-68,2143-44,2587-88,2781-82,2850-51,2941-42,3017-18,3080-81,3541-42
		HL	662-63,776-77,1409-10,3388-89,3832-33
		HK	252-53,836-37,1231-32,1327-28,1651-52,2036-37,2556-57,2576-77,3601-2,3790-91
		HF	229-30,563-64,1449-50,1823-24,1956-57,2293-94,2634-35,2758-59,3981-82
		HP	554-55,716-17,2459-60,3318-19,3377-78
		IH	550-51,1622-23,1941-42,2128-29,2609-10,2929-30,3317-18,3427-28
		LR	665-66,1005-06,1039-40,1093-94,1290-91,1310-11,1479-80,1617-18,1667-68,1724-25,3078-79,3185-86,3459-60,3972-73,4034-35
		LW	859-60,2466-67,3495-96,3510-11
		LA	744-45,1961-62,2041-42,2353-54,3424-25,3786-87,
		MR	1143-44,

		FA	753-54,892-93,1109-10,3548-49,
		FR	1588-89,1615-16,1663-64,1824-25,1839-40,2787-88,3117-18,
		FL	1892-93,1957-58,3014-15,3269-70,3739-40,
		PE	35-36,168-69,406-07,520-21,621-22,1100-01,1214-15,1250-51,1382-83,1384-85,1403-04,1535-36,1569-70,1575-76,1645-46,1671-72,1773-74,1782-83,1793-94,1834-35,1856-57,2006-07,2019-20,2373-74,2621-22,2963-64,3030-31,3058-59,3063-64,3135-36,3163-64,3304-05,3586-87,3752-53,3959-60,
		PF	629-30,827-28,1431-32,1928-29,3397-98,3754-55,4124-25
		SM	112-13,733-34,889-90,1801-02,1917-18,3324-25,
		WM	2817-18,
		YG	379-80,490-91,956-57,1412-13,1492-93,1511-12,3044-45,3663-64,3677-78,
		YI	925-26,3534-35,4002-03,
		YY	1736-37,
		VY	516-17,2169-70,2503-04,3035-36,3069-70,3676-77,
		KA	4-5,253-54,330-31,
		TF	7-8,24-25,739-40,891-92,983-84,1053-54,1790-91,2679-80,2714-15,2946-47,3028-29,3142-43,3464-65,3628-29,3764-65,4046-47
		YR	40-41,138-39,
		KA	275-76,741-42,767-68,1397-98,1778-79,1879-80,1954-55,2188-89,2300-01,2601-02,2771-72,3256-57,3218-19,3256-57,3367-68,3443-44,
		RR	1144-45,1386-87,1538-39,1668-69,1730-31,2044-45,2046-47,2401-02,2927-28,3186-87,3187-88
		RT	1046-47,
		YK	492-93,637-38,728-29,873-74,877-78,1069-70,1183-84,1395-96,2242-43,2305-06,2314-15,2567-68,2726-27,2907-08,3217-18,3311-12,3404-05,3416-17,3603-04,3966-67,
		YR	724-25,871-72,1044-45,1146-47,1947-48,2392-93,
		YH	1081-82,3440-41,
		YF	3933-34
		YL	1603-04,1624-25,2205-06,3236-37,3423-24,
		FI	829-30,1648-49,1903-04,1929-30,1996-97,3278-79,4078-79,
		AA	245-47,390-92,816-18,1340-42,
		PR	256-57,260-61,555-56,557-58,1151-52,1284-85,1330-31,1673-74,2080-81,3243-44,3276-77
	Collag**e**n alpha-1(I) P02457	GE	22-23,24-25,82-83,195-96,198-99,222-23, 276-77,282-83,297-98,342-43, 423-24,438-39,453-54,462-63, 474-75,498-99,513-14,519-20,579-80, 585-86,603-04,618-19,621-22,642-43,648-49,666-67,672-73,771-72,792-93,816-17,909-910,921-22,957-58,969-70,981-82,999-1000, 1026-27,1056-57,1086-87,1089-90,1116-1117,1161-62,1261-62,1285-86,1316-17,1329-30,
		GF	189-90, 258-59,333-334,399-400,483-84,570-71,630-31,669-70,801-02,864-65,1101-02,1184-85,1322-23
		RF	1394-95
		RV	871-72
		DA	92-93,700-01,820-21,826-27,1209-10,1274-75
		LR	751-52,1344-45
		LA	994-95,1431-32
		MR	1213-14
		FA	149-50,802-03
		FL	1189-90,1343-44,1452-53
		PE	48-49,98-99,1237-38
		PF	80-81
		YY	1204-05,
		YR	1205-06,
		KA	1197-98,1375-76,
		YL	1302-03,
		TF	1342-43,
		YK	1418-19
		YG	155-56,1327-28,1397-98,
		YY	1204-05,
		VY	96-97,1278-79,189-90,
		PR	112-13,175-76,208-09,292-93,685-86,989-99,1081-82,1129-30,1156-57,
	Collagen alpha-1(III) P12105	GE	81-82,203-04,230-31,284-85,305-06,350-51,365-66,368-69,395-96,431-32,446-47,449-50, 461-62,470-71,482-83,500-01,506-07,557-58,592-93,629-30,650-51,656-57,674-75,680-81, 728-29,743-44,758-59,779-80,797-98,800-801,819-20,824-25,833-34,860-61,890-91,917-18, 971-72,1005-06,1028-29,1071-72,1095-96,1125-26,1218-19

		GF	173-74,266-67,341-42,347-48,488-89,578-79,668-69,809-10,872-73,920-21,1131-32
		RV	26-27,1084-85
		HL	33-34
		HK	249-50
		HP	252-53,903-04,1065-66
		LR	831-32,1153-54
		LA	13-14,22-23,1150-51
		MR	534-35,1233-34,
		FR	489-90,
		FL	1152-53,1261-62
		PE	46-47,76-77,1066-67,1142-43,
		SM	1033-34,
		YG	1012-13,1136-37,
		VY	1088-89
		KA	158-59,915-16,1184-85,1197-98,
		YH	1166-67,
		YR	1016-17,1227-28,
		FI	11-12,
		PR	570-71,966-67,1107-08,
	Collagen alpha-3(VI) P15989	GE	182-83,355-56,1031-32,1319-20,1437-38,2061-62,2076-77,2106-07, 2109-10,2112-13,2121-22,2133-34,2149-50,2152-53,2164-65,2180-81,2186-87,2227-28,2248-49,2267-68,2279-80,2296-97,2316-17,2361-62,2523-24,2808-09
		GF	19-20,1049-50,1271-72,1844-45,2004-5,2088-89,2103-04,2130-31,2136-37,2319-20,2510-11
		GFL	2510-12
		AAAA	2945-48
		RF	76-77,1918-19,2464-65,2817-18,3099-3100,3111-12
		RW	2974-75,
		RV	272-73,682-83,879-80,1059-60,1072-73,1210-11,1597-98,1717-18,1744-45,1866-67,1891-92,1982-83,2012-12,2432-33,2449-50,2669-70,3009-10
		DA	178-79,306-07,562-63,876-77,1089-90,1669-70,1706-07,2467-68,2533-34,2540-41,2553-54,2767-68
		HL	6-7,145-46,195-96,1548-49,1727-28,2650-51
		HK	865-66,1498-99
		HF	53-54,735-36,1732-33,1955-56
		HP	1285-96,
		IH	278-79,632-33,864-65,1954-55
		LR	271-72,410-11,714-15,1308-08,1495-96,1511-12,1513-14,1974-75,2011-12,2158-59,2431-32,2761-62,2816-17,2973-74,3014-15
		LA	9-10,366-67,407-08,579-80,771-72,834-35,961-62,1222-23,1411-12,1457-58,1682-83,1791-92,1818-19,2022-23,2408-09,2792-93,2988-89,2992-93,3052-53
		MR	1-2,911-12,929-30,1922-23,2231-32,2513-14,
		FA	77-78,293-94,397-98,779-80,895-96,976-77,1190-91,1776-77,2410-11,2835-36,
		FR	75-76,313-14,607-08,1799-1800,1942-43,2612-13,
		FL	41-42,244-45,263-64,447-48,647-48,845-46,948-49,1038-39,1086-87,1141-42,1186-87,1242-43,1345-46,1444-45,1644-45,1694-95,1929-30,2511-12,2547-48,
		FM	611-12,803-04,
		PE	222-23,494-95,617-18,1084-85,1381-82,1491-92,1634-35,1702-03,1913-14,2978-79,3065-66,
		PF	191-92,459-60,661-62,763-64,1168-69,
		SM	219-20,560-61,1765-66,
		YG	2065-66,2396-97,2605-06,2698-99,2716-17,3102-03
		YI	2647-48,2863-64
		VY	801-02,1630-31,1664-65,2862-63
		KA	66-67,131-32,301-02,309-10,788-89,989-90,1094-95,1523-24,2860-61,2934-35,
		YL	123-24,673-74,1120-21,1255-56,1494-95,1963-64,2707-08,2773-74,3020-21,3027-28,
		YF	497-98,802-03,1532-33,1928-29,
		TF	778-79,975-76,1055-56,2503-04,2883-84,3039-40
		RR	930-31,1047-48,1155-56,1306-07,1509-10,1975-76,2140-41,2207-08,2347-48,2585-86,2615-16,2951-52,
		YK	1713-14,
		FI	863-64,997-98,1463-64,1533-34,1750-51,2628-29,2825-26,2830-31,3023-24,
		RFA	2464-66

		PR	289-90,1005-06,1311-12,2255-56,2285-86,2294-95,2445-46,2489-90,2739-40,
	Collagen alpha-1(IX) P12106	GE	50-51,253-54,291-92,318-19,342-43,371-72,434-35,436-37,446-47,455-56,509-10,515-16, 533-34,605-06,611-12,626-27,668-69,674-75,686-87,737-38,803-04,824-25,833-34,836-37,839-40,859-60
		GF	56-57,216-17,806-07,842-43
		RV	76-77,766-67,
		DA	307-08,684-85
		HL	171-72
		HK	181-82
		LR	245-46,779-80,
		LA	775-76,
		MR	765-66,
		FR	95-96,117-18,
		FL	10-11,16-17,113-14,169-70,174-75,
		PE	609-10,782-83,
		PF	173-74,232-33,
		WM	237-38,
		YG	866-67
		KA	67-68,310-11,
		YK	87-88,157-58,444-45
		TF	116-17
		FI	20-21,195-96,
		PR	396-97,618-19,726-27,732-33,813-14,854-55,
	Annexin A5 P17153	GE	143-44,183-84
		GF	218-19
		RV	166-67,208-09,271-72
		DA	16-17,20-21,92-93,175-76
		HL	204-05
		HF	147-48
		LR	24-25,206-07
		LA	114-15,238-39
		MR	85-86,
		FA	251-52,292-93
		FR	288-89,
		PF	14-15,
		KA	26-27,310-11
		RR	207-08,
		TF	193-94,
		YF	250-51
		YR	308-09,
		YY	256-57
		SM	58-59,
		VY	128-29,
		FI	194-95,
	Collectin-12 Q2LK54	GE	470-71,473-74,482-83,494-95,554-55,705-06
		GF	545-46
		RF	18-19,335-36,
		RW	678-79,
		HL	356-57
		HK	318-19
		LR	118-19,235-36,357-58
		LW	716-17,
		LA	116-17,232-33,268-69,275-76,389-90
		MR	406-07,
		FA	5-6,
		FR	111-12,
		FM	162-63,384-85,
		YK	16-17,59-60
		RR	77-78,
		KA	100-01,277-78,638-39
		YY	619-20,
		PE	62-03,

		SM	226-27,
		YI	44-45,177-78,
		YY	619-20
		FI	728-29
		PR	447-48,561-62,
	Myosin light chain 1 (P02604)	GE	158-59
		AAAA	11-14
		RV	135-36
		DA	65-66
		LR	134-35,150-51
		LA	154-55,
		FL	57-58,111-12,
		TF	107-08,126-27
	Myosin heavy chain P13538	GE	12-13,68-69,204-05,319-20,629-30,1207-08,1288-89,1358-59,1827-28,
		GF	343-44,467-68,711-12,797-98,1310-11,
		GFL	797-99
		RF	246-47,760-61
		RV	192-93,275-76,406-07,715-16,726-27,801-02,1215-16,1715-16,1821-22,1849-50,1924-25
		DA	5-6,34-35,903-04,1298-99.1381-82,1402-03,1605-06,1662-63,1711-12,1764-65,
		HL	97-98,560-61,1321-22,1497-98,1593-94,1659-60,1781-82
		HF	254-55,579-80,671-72,
		HP	43-44,669-70
		IH	253-54,1658-59,1930-31
		YL	17-18,269-70,389-90,
		YK	130-31,353-54,504-05,1881-82
		YH	286-87,313-14,
		RR	805-06,810-11,1178-79,1848-49,
		KA	386-87,400-01,432-33,545-46,575-76,743-44,759-60,1000-01,1025-26,1134-35,1243-44,1245-46,1327-28,1366-67,1524-25,1679-80,1757-58,1759-60
		YF	196-97,458-59,
		YR	144-45,725-26,759-60,804-05,
		LR	18-19,665-66,696-97,1047-48,1195-96,1346-47,1562-63,1594-95,1615-16,1646-47,1664-65,1691-92,1865-66,1923-24
		LW	440-41
		LA	142-43,261-62,430-31,520-21,620-21,784-85,866-67,901-02,964-65,1064-65,1234-35,1332-33,1396-97,1456-57,1806-07
		MR	779-80,800-01,1177-78
		FA	197-98,624-25,
		FR	654-55,1899-1900
		FL	798-99
		FM	166-67,738-39,824-25,
		PE	138-39,298-99,734-35,
		PF	32-33,
		SM	80-81,1599-1600
		WM	114-15,441-42,832-33,
		YG	362-63,627-28,
		VY	135-36,434-35,439-40,
		FI	250-51,459-60,513-14,
		PR	405-06,455-56,
	Ovotransferrin P02789	GE	406-07
		GF	340-41
		RF	633-34
		RW	27-28,379-80
		RV	265-66,328-39,
		DA	74-75,409-10
		HL	302-03
		IH	490-91
		LR	42-43,547-48,
		LA	88-89,605-06

		FA	18-19,451-52
		FL	285-86,675-76,701-02
		FM	644-45,
		RR	593-94,
		YY	111-12,343-44,
		YL	61-62,338-39,
		KA	58-59,66-67,288-89,573-74,619-20,
		YF	450-51,502-03,
		YK	91-92,258-59,672-73,
		PE	34-35,529-30,617-18
		SM	349-50,
		VY	100-01,418-19,
		FI	558-59
		PR	359-60,
	Ovalbumin P01012	GF	65-66
		GFL	59-60
		RV	200-01,219-20
		DA	351-52
		HP	36-64
		LR	84-85,
		LW	184-85
		LA	39-40,102-03,
		FA	235-36
		FR	199-200,218-19,359-60
		FL	365-66
		YL	43-44,118-19,282-83
		YR	126-27
		KA	187-88
		PE	116-17,
		PF	198-99,234-35,364-65
		SM	8-9,222-23,241-42,
		VY	41-42,97-98,281-82,
		PR	285-86,
	Hemoglobin subunit beta P02112	RF	41-42
		RV	136-37
		DA	74-75
		HF	117-18
		LW	15-16
		LA	29-30,115-16,142-43
		FA	43-44
		FR	104-05,
		PE	101-02,125-26
		TF	85-86
		YH	146-47
		VY	35-36
		IVYPW	34-38
	Myoglobin P02197	GF	151-52
		RF	43-44
		HK	98-99
		HP	37-38
		LA	90-91
		MR	31-32,
		FR	139-40
		YL	104-05,
		KA	134-35,
		YK	147-48
		PE	38-39,
		FI	107-08,
	Serum albumin P19121	GE	427-28,469-70,597-98
		GF	578-79

		RF	23-24
		RV	159-60,237-38
		DA	27-28,85-86,352-53
		HK	30-31,270-71,
		HF	165-66
		HP	174-75,366-67
		IH	485-86,
		LR	107-08
		LA	76-77
		MR	213-14,375-76,
		FA	54-55,185-86,
		FL	11-12,129-30,162-63,176-77,431-32,
		FM	354-55,
		PE	87-88,123-24,367-68,
		TF	45-46,53-54,
		KA	47-48,216-17,253-54,
		YL	57-58,246-47,
		YF	226-27,
		RR	364-65,472-73,512-13
		PF	175-76,255-56,529-30
		YG	111-12,
		YI	337-38,
		VY	359-60
		FI	9-10,166-67,
		RFA	23-25
	Ovomucoid P01005	GE	84-85,469-70,597-98
		GF	16-17
		GFL	16-18
		RF	31-32
		DA	20-21
		HK	135-36
		HF	206-07
		LR	50-51
		LA	155-56
		FL	17-18
		YG	185-86,
Bovine *Bos taurus*	Alpha-S1-casein P02662	RF	37-38
		DA	172-73,190-91
		IH	142-43
		LR	36-37,114-15
		LW	213-14
		FR	165-66
		YL	106-07,109-110,
		YK	119-20
		YF	159-60
		PE	43-44,162-63,
		PF	41-42
		SM	137-38
	Beta-casein P02666	GE	25-26
		RF	37-38
		HL	149-50
		HK	121-22
		IH	64-65
		KA	191-92
		FA	67-68,
		FL	75-76,205-06,
		PF	66-67,219-20,76-77,101-02,125-26,133-34,219-20
		WM	158-59,
	Kappa-casein P02668	RF	37-38
		HL	123-24

		FL	6-7,18-19,76-77,
		FM	126-27,
		PE	171-72,178-79
		PF	17-18,
		YY	63-64,81-82
		YG	59-60,
		YI	46-47,
	Beta-lactoglobulin P02754	RV	56-57
		DA	49-50,101-02
		LR	55-56
		PE	66-67,129-30,142-43,
		KA	154-55
		YL	118-19
		YK	115-16,
		VY	57-58
	Alpha-lactalbumin P00711	HK	126-27
		YG	37-38,69-70,
		PE	43-44
		KA	127-28
		TF	49-50,
		FL	99-100
		FR	28-29,
	Lactotransferrin P24627	GE	194-95,196-97,406-07,573-74
		GF	325-26
		RW	26-27,40-41
		RV	363-64
		DA	74-75,259-60,409-10,
		HL	265-66,607-08
		LR	93-94,151-52,327-28,350-51,446-47
		FR	549-50,588-89,
		FL	326-27,705-06
		PE	33-34,238-39,371-72,
		YG	101-02,543-44,
		YY	111-12,542-43
		YL	154-55,338-39,343-44,452-53,679-80
		YF	208-09,
		KA	72-73,292-93,358-59,460-61,
		YK	91-92,
		RR	39-40,57-58,
		PR	21-22,
	Myosin-1 Q9BE40	GE	11-12,179-80,203-04,319-20,630-31,1207-08,1288-89,1742-43,1827-28
		GF	343-44,467-68,711-12,797-98,
		GFL	797-99
		RF	246-47,
		RV	191-92,275-76,349-50,406-07,801-02,1215-16,1715-16,8121-22,1849-50,1924-25
		DA	33-34,899-900,903-04,1298-99,1381-82,1402-03,1605-06,1613-14,1662-63,1711-12,1764-65
		HL	96-97,559-60,1659-60,1781-82
		HF	254-55,579-80,671-72
		IH	253-54,583-84,1526-27,1658-59
		LR	17-18,665-66,696-97,1047-48,1195-96,1346-47,1562-63,1664-65,1691-92,1843-44,1865-66,1923-24
		LW	440-41,
		MR	779-80,1177-78,
		FA	196-97,
		FR	654-55,1899-1900
		FL	439-40,798-99,
		FM	166-67,824-25,
		PE	298-99,734-35,
		PF	31-32,

	SM	1599-1600
	WM	113-14,441-42,832-33,
	YL	16-17,269-70,389-90,
	KA	49-50,281-82,386-87,400-01,432-33,545-46,575-76,743-44,769-70,1000-01,1025-26,1134-35,1243-44,1327-28,1357-58,1366-67,1757-58,1760-61,
	YK	129-30,353-54,504-05,725-26,759-60,1881-82
	YF	195-96,458-59,836-37,
	TF	277-78,
	YR	143-44,1646-47,
	RR	810-11,1178-79,1679-80,1848-49,
	YH	286-87,
	YG	362-63,
	VY	134-35,423-24,434-35,
	FI	250-51,459-60,513-14,738-39,
	PR	405-06,455-56,
Myosin regulatory light chain 12B A4IF97	GE	90-91
	GF	46-47
	RF	132-33
	DA	66-67
	LR	122-23
	FA	22-23,106-07,
	FL	85-86,
	PE	98-99,
	KA	5-6
	YL	68-69,121-22
	YR	142-43
	YI	155-56
	FI	47-48,
Actin, cytoplasmic 1 P60712	RF	253-54
	GF	20-21
	RV	95-96,
	DA	24-26
	IH	274-75,
	LR	94-95,176-77
	FA	21-22,
	FR	255-56,
	FL	266-67,
	KA	18-19,113-14,
	TF	89-90,126-27,278-79,351-52
	YL	188-89,
	PE	98-99,258-59,333-34
	PR	27-28,38-39,
Colla**ge**n alpha-1(II) chain P02459	GE	83-84,107-08,129-30,141-42,153-54,228-29,231-32,255-56,264-65,309-10,315-16,330-31,375-76,393-94,456-57,465-66,471-72,486-87,495-96,507-08.531-32,552-53,582-83,612-13,636-37,651-52,654-55,675-76,687-88,699-700,705-06,753-54,771-72,801-02,804-05,822-23,825-26,849-50,852-53,954-55,957-58,990-91,1002-03,1032-33,1059-60,1089-90,1119-20,1122-23,1125-26,1194-95,1350-51
	GF	186-87,222-23,276-77,366-67,432-33,462-63,516-17,603-04,663-664,702-03,834-35,897-98,993-94,1134-35,1356-57
	RF	1428-29
	RV	904-05,
	DA	568-69,859-60,1252-53,1256-57,1309-10
	HF	1358-59
	LR	21-22,628-29,1248-49
	MR	1239-40,
	KA	30-31,190-91,616-17,1409-10,
	TF	1376-77
	YH	1391-92,
	YL	1399-1400
	YR	1452-53
	FA	179-80,835-36,1223-24,
	FL	1377-78,1486-87

	PE	49-50,78-79,385-86,775-76,1272-73,1291-92,1473-74,
	PF	81-82,
	YG	1361-62,
	VY	1324-25,
	PR	133-34,148-49,241-42,325-26,391-92,436-37,697-98,1114-15,1162-63,1189-90,