KIT gene					
No. cases	**Mutation**	**Exon**	**DNA**	**Protein**	**Variant effect**
4	Y503_F504ins	9	c.1509_1510insGCCTAT	p.Tyr503_Phe504insAY	Insertion - In frame
1	E561del	11	c.1681_1683delGAG	p.Glu561del	Deletion - In frame
1	**G565_L576del**	**11**	**c.1694_1727del33**	**p.Gly565_Leu576del**	**Deletion - In frame**
1	H580_K581ins4	11	c.1740_1741ins12	p.His580_Lys581insPYDH	Insertion - In frame
1	K558_Q575del	11	c.1672_1725del54	p.Lys558_Gln575del	Deletion - In frame
4	K558_V559del	11	c.1672_1677delAAGGTT	p.Lys558_Val559del	Deletion - In frame
1	K558_V560>N	11	c.1674_1679delGGTTGT	p.Lys558_Val560>Asn	Complex - deletion inframe
1	K558>NP	11	c.1673_1674insTCC	p.Lys558>AsnPro	Complex - insertion inframe
1	R588_L589ins	11	c.1669_1674delTGGAAG	p.Arg588_Leu589ins17	Insertion - In frame
1	M552_V559>I	11	c.1654_1677del24	p.Met552_Val559>Ile	Complex - deletion inframe
1	M552_Y553del	11	c.1654_1659delATGTAT	p.Met552_Tyr553del	Complex - deletion inframe
1	N564_L576del	11	c.1690_1728del39	p.Asn564_Leu576del	Deletion - In frame
1	N566_P573del	11	c.1697_1720del24	p.Asn566_Pro573 delNNYVYIDP	Deletion - In frame
2	P551_E554del	11	c.1651_1662del12	p.Pro551_Glu554del	Deletion - In frame
2	P551_V555del	11	c.1651_1665del15	p.Pro551_Val555del	Deletion - In frame
1	P585_R586ins	11	c.1755_1756ins30	p.Pro585_Arg586 insLPYDHKWEFP	Insertion - In frame
5	V555_V559del	11	c.1663_1677del15	p.Val555_Val559del	Deletion - In frame
1	V559_G565del	11	c.1675_1692del18	p.Val559_Gly565del	Deletion - In frame
1	V559A + G565A	11	c.1676T>C + c.1694G>C	p.Val559Ala+p.Gly565Al a	Substitution-Missense
10	V559D	11	c.1676T>A	p.Val559Asp	Substitution-Missense
1	V559del	11	c.1675_1677delGTT	p.Val559del	Deletion - In frame
1	V560_N566del	11	c. 1677_1695del18	p.Val560_Asn566del	Deletion - In frame
1	V560del	11	c.1678_1680delGTT	p.Val560del	Deletion - In frame
2	V560G	11	c.1679T>G	p.Val560Gly	Substitution-Missense
4	V569_Y578del	11	c.1706_1733del29 + c.1706_1710insAAGTT	p.Val569_Tyr578del	Deletion - In frame
2	W557_I563del	11	c.1669_1680del12	p.Trp557_Iso563del	Deletion - In frame
21	W557_K558del	11	c.1669_1674delTGGAAG	p.Trp557_Lys558del	Deletion - In frame
2	W557_V559del	11	c.1669_1677del9	p.Trp557_Val559del	Deletion - In frame
1	W557_V559>F	11	c.1670_1675delGGAAGG	p.Trp557_Val559>Phe	Complex - deletion inframe
1	W557_V560>C	11	c.1671_1679del9	p.Trp557_Val560>Cys	Complex - deletion inframe
3	W557R	11	c.1669T>A	p.Trp557Arg	Substitution-Missense
1	K642E	13	c.1924A>G	p.Lys642Glu	Substitution-Missense
PDGFRa gene					
No. cases	**Mutation**	**Exon**	**DNA**	**Protein**	**Variant effect**
1	V561D	12	c.1682T>A	p.Val561Asp	Substitution-Missense
4	D842V	18	c.2525A>T	p.Asp842Val	Substitution-Missense