**PRSS1**  
c.365G>A  
p.R122H  
exon 3

rs111033565

Genetic studies:

Number of CP carriers reported: 1260  
Number of non-CP carriers reported: 75

5 families, 20 affected, 16 unaffected

4 families, 25 affected, 5 unaffected

6 families, unclear exactly how many affected; counted as 27

Bell SM, Bennett C, Markham AF, Lench NJ. (1998) **Evidence for a common mutation in hereditary pancreatitis.** Mol Pathol 51, 115-117  
1 family, 5 affected

14 families, 61 affected

1 family, 3 affected

Teich N, Mössner J, Keim V. (1999) **Screening for mutations of the cationic trypsinogen gene: are they of relevance in chronic alcoholic pancreatitis?** Gut 44, 413-416  
4 families; number of affected was not reported, not counted; likely included in later Keim papers

1 family, 9 affected, 5 unaffected
13 affected p.N29I and p.R122H combined; not counted; subjects likely were reported in subsequent study as well

2 affected

3 families, 12 affected

3 families; 9 affected; 3 unaffected

7 families, number of affected was not reported, 1 family was likely reported in Nishimori et al. (1999), counted as 6

3 families; 7 affected, 1 unaffected

148 affected; likely includes 20 reported in Whitcomb et al. (1996); counted as 128

2 affected

O'Reilly DA, Yang BM, Creighton JE, Demaine AG, Kingsnorth AN. (2001) Mutations of the cationic trypsinogen gene in hereditary and non-hereditary pancreatitis. Digestion 64, 54-60
4 affected

21 families; 56 affected, 20 unaffected


1 family, 2 affected, 1 unaffected

6 affected

15 affected

1 family, 3 affected

1 family, 4 affected; 4 unaffected

1 family, 3 affected, 1 unaffected; likely reported later in English in Oh et al. (2009), not counted

10 families; 24 affected; likely overlap with Keim et al. (2001), Simon et al. (2002), Howes et al. (2004); not counted

105 affected, same subjects were reported in Rebours et al. (2009); not counted

105 affected; likely included 61 reported by Férec et al. (1999); 44 counted

98 affected, same subjects were reported in the other Rebours et al. (2009) study; not counted


4 families; 10 affected; 2 unaffected


5 affected


8 families, 8 affected, 8 unaffected


41 affected


71 families, 336 affected; 222 were reported in Howes et al. (2004); counted as 114


4 families, 12 affected, 2 unaffected; unclear how many were reported in Grocock et al (2010); all counted


5 affected; overlap with other Joergensen et al. (2010) studies is unclear; all counted


2 affected; likely overlap with other Joergensen et al. studies; not counted
2 affected

2 affected

3 affected, PRSS1 mutation not specified, counted as 3

12 affected; subjects were likely previously reported in Rebours et al. (2009), not counted

2 affected

1 affected

9 affected, including 7 with alcoholic CP, not credible, not counted

2 affected, tested for p.N29I and p.R122H, mutation not specified; counted as 2

2 affected

Whitcomb DC, LaRusch J, Krasinskas AM, Klei L, Smith JP, Brand RE, Neoptolemos JP, Lerch MM, Tector M, Sandhu BS, Guda NM, Orlichenko L; Alzheimer's Disease Genetics Consortium,

16 affected


25 affected; unclear how many were reported previously, all counted


2 affected, 1 unaffected


5 affected


5 affected

Masson E, Chen JM, Audrézet MP, Cooper DN, Férec C. (2013) A conservative assessment of the major genetic causes of idiopathic chronic pancreatitis: Data from a comprehensive analysis of PRSS1, SPINK1, CTRC and CFTR genes in 253 young French patients. PLoS One 8, e73522

3 affected; likely reported previously in Férec et al. (1999), not counted


1 affected, 1 unaffected mother; patient also carried SPINK1 p.N34S inherited from unaffected father

The authors erroneously designated the PRSS1 gene as the CT gene


32 affected
5 affected; text indicates 6; table indicates 5

14 affected, unclear overlap with Otsuki et al. (2004), all counted

4 affected

12 affected

1 affected

2 affected

1 family, 2 affected, 1 unaffected

1 affected

19 affected

The clinical course of hereditary pancreatitis in children - A comprehensive analysis of 41 cases. Pancreatology 16, 535-541
14 affected

1 affected

2 affected

40 affected

3 affected

3 affected

26 affected, likely overlap with Wang et al. (2013) and Sun et al. (2015); counted as 14

61 affected, 14 were likely reported in Masamune et al. (2014); counted as 47
Data taken from Table 2

1 family, 1 affected, 1 unaffected; first Indian report
Functional studies:


Studies were performed on rat anionic trypsinogen


Studies were performed on rat anionic trypsinogen


Studies were performed on rat anionic trypsinogen


Studies were performed on rat anionic trypsinogen


Studies were performed on mouse trypsinogens

Animal models:

