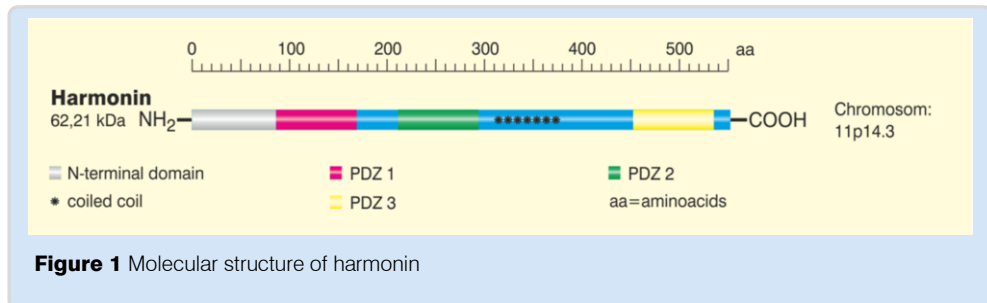




## Anti-Harmonin autoantibodies

- Acronyms** AIE-75 (autoimmune enteropathy related antigen)
- Synonyms** Antigen NY-CO-38/NY-CO-37 (colon carcinom antigen), Autoimmune enteropathy-related antigen AIE-75, Protein PDZ-73, Renal carcinoma antigen NY-REN-3, Usher syndrome type-1C protein
- Gene** *USH1C, AIE75*
- Indications**
- ▶ IPEX: Immunodysregulation, polyendocrinopathy, enteropathy, X-linked syndrome.
  - ▶ Autoimmune enteropathy
- see also**
- ▶ Autoantibodies in diseases of the small intestine
  - ▶ [Anti-Villin autoantibodies](#)
  - ▶ [Anti-Enterocyte autoantibodies](#)

### Antigen



### Prevalence

Table 1 Prevalence of anti-harmonin antibodies (anti-AIE-75).

Diseases	N	% Methods	Authors
IPEX*	7	71 RIP	Chida et al. 2015
	5	100 RIP	Kobayashi et al. 2011
	12	92 RIP	Patey-Mariaud de Serre 2009
	13	92 LIP	Lampasona et al. 2013
Autoimmune Enteropathy	4	75 IB	Kobayashi et al. 1999
APECED**	31	33 ELISA	Kluger et al. 2015
	31	29 brush border-IIFT	Kluger et al. 2015
	7	0 RIP	Chida et al. 2015
Colon cancer	29	17	Scanlan et al. 1998
Renal cancer	13	23	Scanlan et al. 1998

\* Immunodysregulation, polyendocrinopathy, enteropathy, X-linked syndrome.  
\*\* Autoimmune polyendocrinopathy, candidiasis, ectodermal dysplasia.

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