Some APN functions CCZ-equivalent to $x^3 + \mathrm{tr}_n(x^9)$ and CCZ-inequivalent to the Gold functions over $\mathbb{F}_{2^n}$ (constructed in [1]).

$N^\cdot$	Functions	Conditions	d°
1	$x^3 + \mathrm{tr}_n(x^9) + (x^2 + x)\mathrm{tr}_n(x^3 + x^9)$	$n \geq 5$ odd $\gcd(i, n) = 1$	3
2	$x^3 + \mathrm{tr}_n(x^9) + (x^2 + x + 1)\mathrm{tr}_n(x^3)$	$n \geq 4$ even $\gcd(i, n) = 1$	3
3	$\left(x + \mathrm{tr}_n^3(x^6 + x^{12}) + \mathrm{tr}_n(x)\mathrm{tr}_n^3(x^3 + x^{12})\right)^3 +$ $\mathrm{tr}_n\left(\left(x + \mathrm{tr}_n^3(x^6 + x^{12}) + \mathrm{tr}_n(x)\mathrm{tr}_n^3(x^3 + x^{12})\right)^9\right)$	$6\|n$ $\gcd(i, n) = 1$	4
4	$\left(x^{\frac{1}{3}} + \mathrm{tr}_n^3(x + x^4)\right)^{-1} + \mathrm{tr}_n\left(\left(\left(x^{\frac{1}{3}} + \mathrm{tr}_n^3(x + x^4)\right)^{-1}\right)^9\right)$	$3\|n$ n odd	4

References

[1] Lilya Budaghyan, Claude Carlet, and Gregor Leander. Constructing new apn functions from known ones. *Finite Fields and Their Applications*, 15(2):150–159, 2009.